Radiation Report

TPS7H2211-SP Total Ionizing Dose (TID) Radiation Report

Abstract

This report discusses the results of the total ionizing dose (TID) testing for TPS7H2211-SP, Texas Instruments 4.5-V to 14-V operating input voltage range, 3.5-A continuous current, single channel eFuse. The study was done to determine TID effects under low dose rate (LDR) and high dose rate (HDR) up to 100 krad(Si). The results show that all samples passed within the specified limits up to 100 krad(Si).

Table of Contents

1 Device Information....1
1.1 Product Description....2
1.2 Device Details....2
2 Total Dose Test Setup....3
2.1 Test Overview....3
2.2 Test Description and Facilities....3
2.3 Test Setup Details....4
2.4 Test Configuration and Conditions....5
3 TI Characterization Test Results....6
3.1 TID Characterization Summary Results....6
3.2 Data Sheet Electrical Parameters and Associated Tests....6
4 Applicable and Reference Documents....8
4.1 Applicable Documents....8
4.2 Reference Documents....8
5 Revision History....8
A Appendix A: Specifications Requiring Clarification....8
B Appendix: HDR TID Report Data....10
C Appendix: LDR TID Report Data....11

List of Figures

Figure 1-1. TPS7H2211-SP Device Photo (Front and Back)....2
Figure 2-1. Bias Diagram Used in TID Exposure....4

List of Tables

Table 1-1. Device and Exposure Details....2
Table 2-1. HDR ≥ 3 krad(Si) to 100 krad(Si) Biased Device Information....5
Table 2-2. HDR ≥ 3 krad(Si) to 100 krad(Si) Unbiased Device Information....5
Table 2-3. LDR ≥ 3 krad(Si) to 100 krad(Si) Biased Device Information....5
Table 2-4. LDR ≥ 3 krad(Si) to 100 krad(Si) Unbiased Device Information....5
Table 3-1. TPS7H2211-SP Electrical Parameters Table....6
Table A-1. Specifications Requiring Clarification - Set #1....8
Table A-2. Specifications Requiring Clarification - Set #2....8
Table A-3. Specifications Requiring Clarification - Set #3....9

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1 Device Information

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1.1 Product Description

The TPS7H2211-SP is a single channel eFuse that provides reverse current protection, overvoltage protection, and a configurable rise time to minimize inrush current (soft start). The device contains P-channel MOSFETs that operate over an input voltage range of 4.5 V to 14 V and supports a maximum continuous current of 3.5 A.

The eFuse is controlled by an on and off input (EN), which is capable of interfacing directly with low-voltage control signals. Overvoltage protection and soft start are programmable with few external components through the OVP and SS pins. The TPS7H2211-SP is available in a ceramic package with an exposed thermal pad allowing for improved thermal performance.

1.2 Device Details

Table 1-1 lists the device information used in the initial TID HDR and LDR characterization.

Table 1-1. Device and Exposure Details

TID Exposure Details	
TI Device	TPS7H2211-SP
TI Part Name	5962-1822001VXC
Package	16-pin CFP (HKR)
Technology	LBC7
Quantity Tested	HDR - 68, LDR - 78
Lot Accept/Reject	All levels tested and passed up to 100 krad(Si) for HDR and LDR
HDR Radiation Facility	Texas Instruments Santa Clara - Santa Clara, CA
HDR Dose Level	3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), 100 krad(Si)
HDR Dose Rate	54.46 rads(Si)/s [50.02 to 59.91 rad(Si)/s]
HDR Radiation Source	Gammacell 220 Excel (GC-220E) Co-60
LDR Radiation Facility	Radiation Test Solutions (RTS) - Colorado Springs, CO
LDR Dose Level	3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), 100 krad(Si)
LDR Dose Rate	0.01 rad(Si)/s
LDR Radiation Source	Gammacell (JLS-81-22) Co-60
Irradiation Temperature	Ambient, room temperature

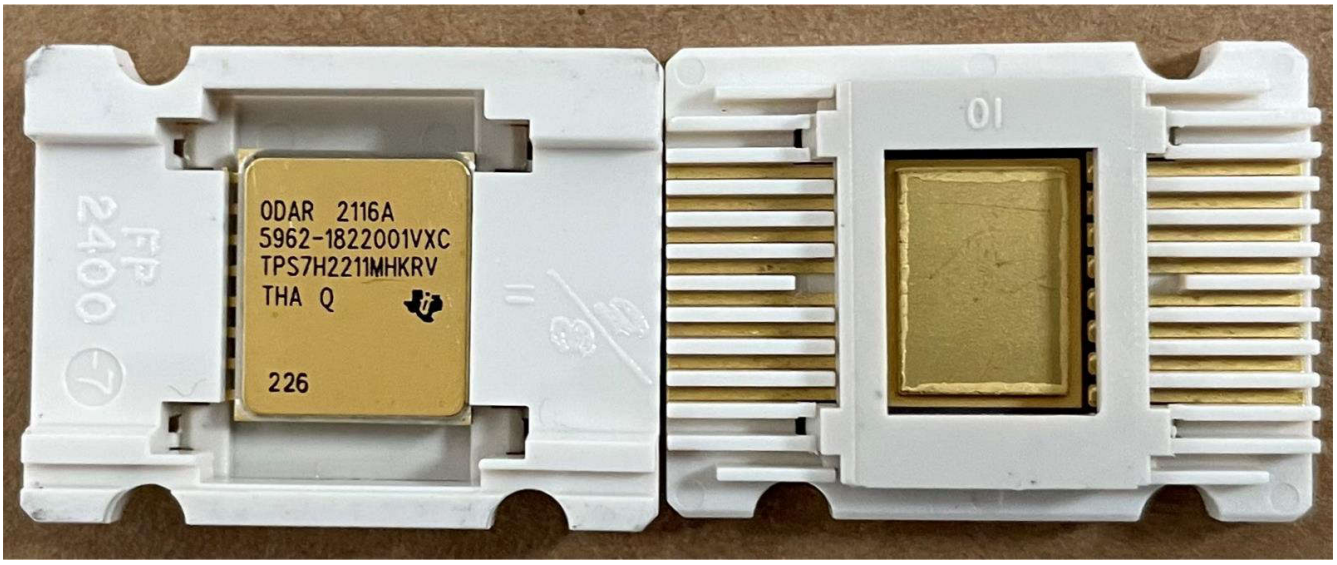


Figure 1-1. TPS7H2211-SP Device Photo (Front and Back)

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2 Total Dose Test Setup

2.1 Test Overview

The TPS7H2211-SP was tested according to MIL-STD-883, Test Method 1019.9. For this testing, Conditions A and D were used. The product was irradiated up to the target radiation level, and then put through full electrical parametric testing on the production Automated Test Equipment (ATE). All devices remained functional passing all parametric test limits.

2.2 Test Description and Facilities

The TPS7H2211-SP HDR exposure was performed on biased and unbiased devices in a Co-60 gammacell at TI facility in Santa Clara, California. The un-attenuated dose rate of this cell is 59.48 rad(Si)/s. After exposure, the devices were packed in dry ice (per MIL-STD-883 Method 1019.9 section 3.10) and returned to TI Dallas for a full post-radiation electrical evaluation using Texas Instruments ATE. ATE test limits are set per SMD electrical limits based on qualification and characterization data. Post-radiation measurements were taken within 30 minutes of removing the devices from the dry ice container. The devices were allowed to reach room temperature prior to electrical post-radiation measurements.

The TPS7H2211-SP LDR exposure was performed on biased and unbiased devices in a Co-60 gammacell under a 10-mrad(Si)/s exposure rate. The dose rate of the irradiator used in the exposure ranges from < 10 mrad(Si)/s to a maximum of approximately 84 rad(Si)/s, determined by the distance from the source. For the LDR (10 mrad(Si)/s) exposure, the test box was positioned approximately 2 m from the source. The exposure boards are housed in a lead-aluminum box (as specified in MIL-STD-883 TM 1019.9) to harden the gamma spectrum and minimize dose enhancement effects. The irradiator calibration is maintained by Logmire Laboratories using Thermoluminescence Dosimeters (TLDs) traceable to the National Institute of Standards and Technology (NIST) and the dosimetry was verified using TLDs prior to the radiation exposures. After exposure, devices were electrically tested at Texas Instruments. ATE test limits are set per SMD electrical limits based on qualification and characterization data.

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2.3 Test Setup Details

The devices under HDR and LDR exposure were tested in two conditions, biased and unbiased, as described in the following sections.

2.3.1 Unbiased

For the unbiased HDR and LDR conditions, the exposure was performed with all pins grounded.

2.3.2 Biased

Figure 2-1 shows the diagram for HDR and LDR exposure with biased condition.

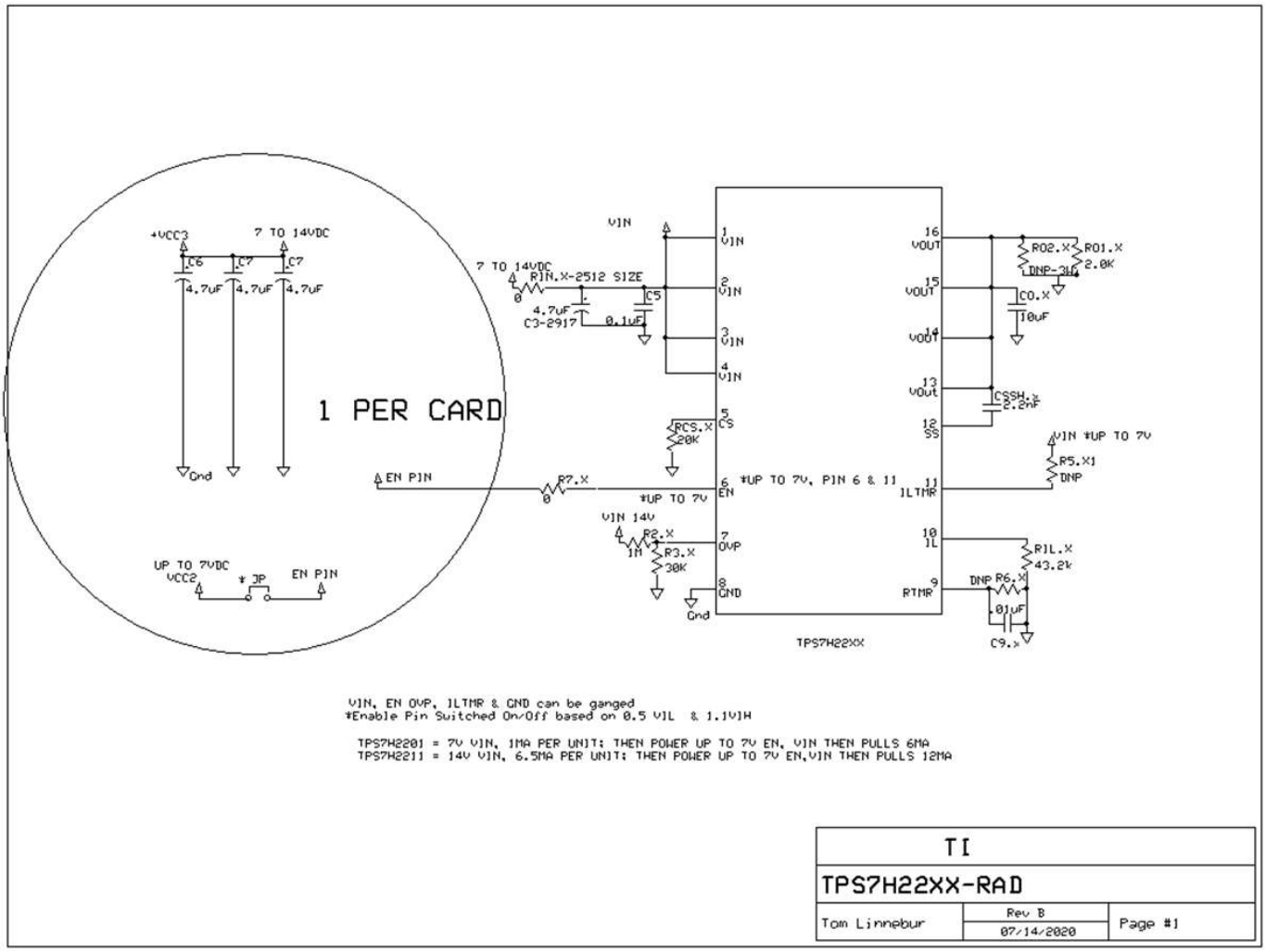


Figure 2-1. Bias Diagram Used in TID Exposure

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2.4 Test Configuration and Conditions

HDR devices were stressed at 3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), and 100 krad(Si) for biased and unbiased conditions.

LDR devices were stressed at 3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), and 100 krad(Si) for biased and unbiased conditions.

Table 2-1. HDR ≥ 3 krad(Si) to 100 krad(Si) Biased Device Information

Total Samples: 43				
Exposure Levels				
3 krad(Si)	10krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
107, 108, 109, 110, 111	96, 97, 98, 99, 100	83, 84, 85, 86, 87	1, 2, 3, 5, 6	29, 30, 31, 32, 34, 35, 36, 38, 39, 41, 42, 43, 45, 46, 47, 48, 49, 51, 54, 56, 57, 58, 59

Table 2-2. HDR ≥ 3 krad(Si) to 100 krad(Si) Unbiased Device Information

Total Samples: 25				
Exposure Levels				
3 krad(Si)	10krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
112, 113, 114, 115, 116	101, 102, 104, 105, 106	88, 92, 93, 94, 95	7, 8, 9, 10, 11	61, 62, 64, 65, 66

Table 2-3. LDR ≥ 3 krad(Si) to 100 krad(Si) Biased Device Information

Total Samples: 48				
Exposure Levels				
3 krad(Si)	10krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
208, 209, 210, 211, 212, 213	220, 221, 222, 223, 224, 225	232, 233, 234, 235, 236, 237	244, 245, 246, 247, 248, 249	261, 262, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286

Table 2-4. LDR ≥ 3 krad(Si) to 100 krad(Si) Unbiased Device Information

Total Samples: 30				
Exposure Levels				
3 krad(Si)	10krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
214, 215, 216, 217, 218, 219	226, 227, 228, 229, 230, 231	238, 239, 240, 241, 242, 243	251, 253, 254, 255, 258, 259	287, 289, 290, 291, 292, 293

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3 TI Characterization Test Results

3.1 TID Characterization Summary Results

The parametric data for the TPS7H2211-SP passed up to 100-krad(Si) HDR and 100-krad(Si) LDR TID.

The drifts of SMD electrical parameters through HDR and LDR were within the SMD limits.

Overall, the TPS7H2211-SP showed a strong degree of hardness to LDR and HDR TID irradiation up to 100 krad(Si) for both biased and unbiased exposure conditions. The measurements taken post-irradiation for each sample set showed a marginal shift for most parameters at each dose level for both biased and unbiased devices. The parameters that showed a greater degree of change between pre- and post-irradiation were still within the SMD electrical specification. See Table 3-1 for Data Sheet Electrical Parameters and Associated Tests.

See Appendix A for Specifications Requiring Clarification.

See Appendix B for HDR report up to 100 krad(Si).

See Appendix C for LDR report up to 100 krad(Si).

3.2 Data Sheet Electrical Parameters and Associated Tests

Table 3-1. TPS7H2211-SP Electrical Parameters Table

PARAMETER	TEST CONDITION		TPS7H2211-SP DATA SHEET (SLVSEW6)				TEST#
			MIN	TYP	MAX	UNIT	
VIN_{UVLOR} Internal VIN UVLO rising			3.2	3.4	3.8	V	5.0 __VIN_UVLO_RISING
VIN_{UVLOF} Internal VIN UVLO falling			2.6	2.9	3.2	V	5.1 __VIN_UVLO_FALLING
$HYST_{VIN-UVLO}$ Internal VIN UVLO hysteresis				0.55	0.75	V	5.2 __VIN_UVLO_HYSTERESIS
I_Q Quiescent current	I_{OUT} = 0 mA, EN = 7 V			5	10	mA	3.0 __IQ_Vin_4p5V, 3.2 __IQ_Vin_14p0V
I_F VIN to VOUT forward leakage current	EN = 0 V, VOUT = 0 V, measured VOUT current	VIN = 14 V		1	1.3	mA	4.9 __Forward_Leakage_14p0V
		VIN = 12 V		0.65	0.94	mA	4.7 __Forward_Leakage_12p0V
		VIN = 9 V		0.15	0.49	mA	4.5 __Forward_Leakage_9p0V
		VIN =4.5 V		0.04	0.23	mA	4.1 __Forward_Leakage_4p5V
I_{SD} VIN off-state supply current	EN = 0 V, VOUT = 0 V, measured VIN current, VIN = 14 V	VIN = 14 V		6.9	10	mA	4.8 __ISD_Vin_14p0V
		VIN = 12 V		5.9	9.5	mA	4.6 __ISD_Vin_12p0V
		VIN = 9 V		4.4	8	mA	4.4 __ISD_Vin_9p0V
		VIN = 4.5 V		3.7	7	mA	4.0 __ISD_Vin_4p5V
I_{RCP} Reverse current protection leakage current	EN = 0 V, VOUT = 0 to 14 V and VOUT > VIN			44	250	µA	3.1 __IRCP_EN0p0V_4p5V, 3.3 __IRCP_EN0p0V_14p0V
	EN = 7 V, VIN = 0 V, VOUT = 0 to 14 V			37	240	µA	3.4 __IRCP_EN7p0V_4p5V, 3.5 __IRCP_EN7p0V_14p0V
I_{SS} Soft start charge current				65	83	µA	6.3 __SS_Icharge_4p5V, 6.7 __SS_Icharge_14V
V_{IHEN} EN threshold voltage, rising			0.60	0.63	0.68	V	6.0 __EN_UVLO_RISING_4p5V, 6.4 __EN_UVLO_RISING_14V
V_{ILEN} EN threshold voltage, falling			0.50	0.52	0.57	V	6.1 __EN_UVLO_FALLING_4p5V, 6.5 __EN_UVLO_FALLING_14V

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Table 3-1. TPS7H2211-SP Electrical Parameters Table (continued)

PARAMETER	TEST CONDITION	TPS7H2211-SP DATA SHEET (SLVSEW6)				TEST#
		MIN	TYP	MAX	UNIT	
$HYST_{EN}$ EN hysteresis voltage		94	109	139	mV	6.2 __EN_UVLO_HYSTERESIS_4p5V, 6.6 __EN_UVLO_HYSTERESIS_14V
I_{EN} EN pin input leakage current	EN = 7 V, VIN = 14 V		2	12	nA	6.8 __EN7p0V_I_Vin14V
V_{OVPR} OVP threshold voltage, rising		1.11	1.15	1.18	V	7.0 __OVP_UVLO_RISING_4p5V, 7.3 __OVP_UVLO_RISING_14p0V
V_{OVPF} OVP threshold voltage, falling		1.09	1.14	1.17	V	7.1 __OVP_UVLO_FALLING_4p5V, 7.4 __OVP_UVLO_FALLING_14p0V
$HYST_{OVP}$ OVP hysteresis voltage	4.6 V < VIN < 14 V	5	14	40	mV	7.2 __OVP_UVLO_HYSTERESIS_4p5V, 7.5 __OVP_UVLO_HYSTERESIS_14p0V
I_{OVP} OVP pin input leakage current	OVP = 7 V		1.5	12	nA	7.6 __OVP_I_Vin7V, 7.7 __OVP_I_Vin5V, 7.8 __OVP_I_Vin3p3V, 7.9 __OVP_I_Vin1p8V, 7.10__OVP_I_Vin1p5V
R_{ON} On-state resistance, lead length ≈ 2.5 mm	VIN = 14 V, IOUT = 3.5 A, 25°C		54	60	mΩ	8.4 __RdsOn_3p50A_14p0V
	VIN = 12 V, IOUT = 3.5 A, 25°C		54	60	mΩ	8.3 __RdsOn_3p50A_12p0V
	VIN = 9 V, IOUT = 3.5 A, 25°C		54	61	mΩ	8.2 __RdsOn_3p50A_9p0V
	VIN = 6 V, IOUT = 3.5 A, 25°C		54	61	mΩ	8.1 __RdsOn_3p50A_6p0V
	VIN = 4.5 V, IOUT = 3.5 A, 25°C		59	65	mΩ	8.0 __RdsOn_3p50A_4p5V

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4 Applicable and Reference Documents

4.1 Applicable Documents

- Texas Instruments, *TPS7H2211-SP Radiation-Hardness-Assured (RHA) 14-V, 3.5-A Load Switch* data sheet
- Texas Instruments, *TPS7H2211EVM-CVAL Evaluation Module* user's guide
- Texas Instruments, *Single-Event-Effects Test Report of the TPS7H2211-SP Load Switch* radiation report,
- Texas Instruments, TPS7H2211-SP Neutron Displacement Damage (NDD) Characterization Report (slvk083)

4.2 Reference Documents

Texas Instruments total ionizing dose radiation (total dose) test procedure follows the standards put forth in MIL-STD-883 TM 1019. The document can be found at the DLA website.

5 Revision History

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

Changes from Revision E (August) to Revision F (October)	Page
• Reverted back to version A to see the LDR data from March 2022	0

A Appendix A: Specifications Requiring Clarification

Table A-1. Specifications Requiring Clarification - Set #1

Data sheet specifications for which there is no parametric data and, therefore, not in the TID report. Functionality is assured by ATE testing.

PARAMETER	TEST CONDITION	TPS7H2211-SP DATA SHEET (SLVSEW6)			
		MIN	TYP	MAX	UNIT
t_{LOW_OFF} EN signal low time during cycling	VOUT falls to < 90%	20			µs
VIN_{EN} VIN percentage for enable(1)		75%			

(1) VIN must be ≥ 75% of its final value before EN is asserted only if VIN_{SR} > $VOUT_{SR}$.

Table A-2. Specifications Requiring Clarification - Set #2

Data sheet specifications for which no data is available in TID report as specification was measured through bench testing. TID testing is by ATE.

PARAMETER	TEST CONDITION	TPS7H2211-SP DATA SHEET (SLVSEW6)			
		MIN	TYP	MAX	UNIT
V_{RCP_ENTER} Reverse current protection enter voltage(1)	EN = 7 V, VIN = 4.5 V		390		mV
	EN = 7 V, VIN = 14 V		363		mV
V_{RCP_EXIT} Reverse current protection exit voltage(1)	EN = 7 V, VIN = 4.5 V		264		mV
	EN = 7 V, VIN = 14 V		249		mV
t_{RCP} Reverse current protection response time	EN = 7 V, VIN = 4.5 V		208		µs
	EN = 7 V, VIN = 14 V		247		µs
I_{L_trip} Internal current limit trip point	VIN = 12 V, C_{SS} = 2 nF		8		A
I_{L_peak} Fast trip off current limit peak	VIN = 12 V, 10-Ω to 10-mΩ short in 1 µs, switch inductance = 270 nH		25		A
t_{ftr} Fast trip off response time			2.3		µs
t_{fto} Fast trip off off-time	VIN = 12 V, C_{SS} = 2 nF		51		µs
Thermal shutdown			155		°C
Thermal shutdown hysteresis			20		°C
t_{ON} Turn-on time	VIN = 5 V		107		µs
t_{OFF} Turn-off time	VIN = 5 V		56		µs

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Table A-2. Specifications Requiring Clarification - Set #2 (continued)

Data sheet specifications for which no data is available in TID report as specification was measured through bench testing. TID testing is by ATE.

PARAMETER	TEST CONDITION	TPS7H2211-SP DATA SHEET (SLVSEW6)			
		MIN	TYP	MAX	UNIT
t_F VOUT fall time	VIN = 5 V		167		µs
t_{ASSERT} OVP Assert time	VIN = 5 V		8		µs
$t_{DEASSERT}$ OVP deassert time	VIN = 5 V		41		µs
t_{ON} Turn-on time	VIN = 12 V		220		µs
t_{OFF} Turn-off time	VIN = 12 V		41		µs
t_F VOUT fall time	VIN = 12 V		139		µs
t_{ASSERT} OVP Assert time	VIN = 12 V		6		µs
$t_{DEASSERT}$ OVP deassert time	VIN = 12 V		63		µs

(1) This parameter is not referenced to GND; it is referenced from VOUT to VIN.

Table A-3. Specifications Requiring Clarification - Set #3

Data sheet specifications that are not covered in TID report because specification condition is at temperature other than 25°C. TID testing is at 25°C only.

PARAMETER	TEST CONDITION	TPS7H2211-SP DATA SHEET (SLVSEW6)			
		MIN	TYP	MAX	UNIT
R_{ON} On-state resistance, lead length ≈ 2.5 mm	VIN = 14 V, IOUT = 3.5 A, –55°C		41	45	mΩ
	VIN = 14 V, IOUT = 3.5 A, –40°C		43	46	mΩ
	VIN = 14 V, IOUT = 3.5 A, 85°C		65	71	mΩ
	VIN = 14 V, IOUT = 3.5 A, 125°C		72	79	mΩ
	VIN = 12 V, IOUT = 3.5 A, –55°C		41	45	mΩ
	VIN = 12 V, IOUT = 3.5 A, –40°C		43	46	mΩ
	VIN = 12 V, IOUT = 3.5 A, 85°C		65	71	mΩ
	VIN = 12 V, IOUT = 3.5 A, 125°C		72	79	mΩ
	VIN = 9 V, IOUT = 3.5 A, –55°C		41	45	mΩ
	VIN = 9 V, IOUT = 3.5 A, –40°C		43	46	mΩ
	VIN = 9 V, IOUT = 3.5 A, 85°C		65	71	mΩ
	VIN = 9 V, IOUT = 3.5 A, 125°C		72	79	mΩ
	VIN = 6 V, IOUT = 3.5 A, –55°C		41	45	mΩ
	VIN = 6 V, IOUT = 3.5 A, –40°C		43	47	mΩ
	VIN = 6 V, IOUT = 3.5 A, 85°C		65	71	mΩ
	VIN = 6 V, IOUT = 3.5 A, 125°C		72	79	mΩ
	VIN = 4.5 V, IOUT = 3.5 A, –55°C		44	48	mΩ
	VIN = 4.5 V, IOUT = 3.5 A, –40°C		47	50	mΩ
	VIN = 4.5 V, IOUT = 3.5 A, 85°C		71	76	mΩ
	VIN = 4.5 V, IOUT = 3.5 A, 125°C		79	84	mΩ

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B Appendix: HDR TID Report Data

This appendix contains the HDR TID report data.

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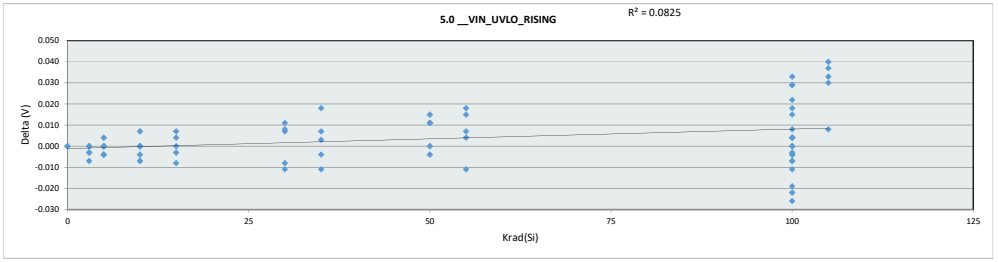
HDR TID REPORT
TPS7H2211-SP

IDENTIFIER	DESCRIPTION
0	Control Unit
3	3 krad(Si) biased
5	3 krad(Si) unbiased
10	10 krad(Si) biased
15	10 krad(Si) unbiased
30	30 krad(Si) biased
35	30 krad(Si) unbiased
50	50 krad(Si) biased
55	50 krad(Si) unbiased
100	100 krad(Si) biased
105	100 krad(Si) unbiased

HDR TID Report
TPS7H2211-SP

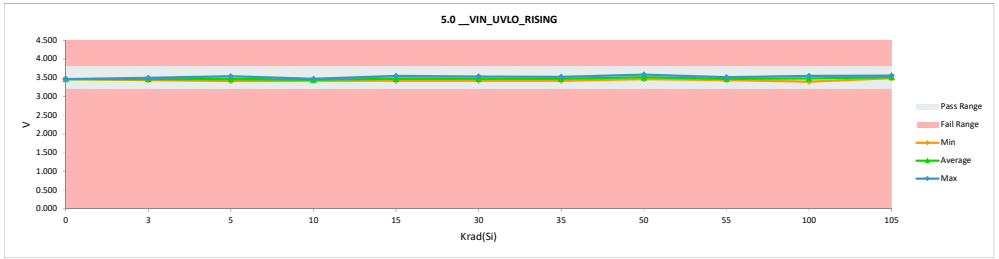
	5.0 __VIN_UVLO_RISING	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.8	3.8
Min Limit	3.2	3.2

Krad(Si)	Serial #	PRE	POST	Delta
0	227	3.461	3.461	0.000
0	229	3.468	3.468	0.000
3	107	3.442	3.439	-0.003
3	108	3.479	3.476	-0.003
3	109	3.501	3.494	-0.007
3	110	3.468	3.468	0.000
3	111	3.450	3.450	0.000
5	112	3.501	3.505	0.004
5	113	3.409	3.409	0.000
5	114	3.428	3.428	0.000
5	115	3.472	3.468	-0.004
5	116	3.542	3.538	-0.004
10	96	3.424	3.424	0.000
10	97	3.446	3.442	-0.004
10	98	3.468	3.461	-0.007
10	99	3.465	3.472	0.007
10	100	3.446	3.446	0.000
15	101	3.428	3.428	0.000
15	102	3.428	3.420	-0.008
15	104	3.538	3.545	0.007
15	105	3.468	3.465	-0.003
15	106	3.494	3.498	0.004
30	83	3.428	3.435	0.007
30	84	3.501	3.509	0.008
30	85	3.435	3.424	-0.011
30	86	3.523	3.534	0.011
30	87	3.476	3.468	-0.008
35	88	3.490	3.479	-0.011
35	92	3.509	3.512	0.003
35	93	3.505	3.523	0.018
35	94	3.428	3.424	-0.004
35	95	3.428	3.435	0.007
50	1	3.490	3.501	0.011
50	2	3.454	3.465	0.011
50	3	3.538	3.534	-0.004
50	5	3.571	3.586	0.015
50	6	3.476	3.476	0.000
55	7	3.505	3.512	0.007
55	8	3.494	3.498	0.004
55	9	3.424	3.439	0.015
55	10	3.468	3.457	-0.011
55	11	3.439	3.457	0.018
100	29	3.450	3.431	-0.019
100	30	3.523	3.527	0.004
100	31	3.402	3.398	-0.004
100	32	3.476	3.476	0.000
100	34	3.454	3.476	0.022
100	35	3.472	3.501	0.029
100	36	3.509	3.498	-0.011
100	38	3.483	3.457	-0.026
100	39	3.494	3.523	0.029
100	41	3.424	3.442	0.018
100	42	3.431	3.428	-0.003
100	43	3.516	3.549	0.033
100	45	3.490	3.483	-0.007
100	46	3.483	3.483	0.000
100	47	3.509	3.487	-0.022
100	48	3.468	3.472	0.004
100	49	3.494	3.490	-0.004
100	51	3.457	3.472	0.015
100	54	3.483	3.479	-0.004
100	56	3.446	3.450	0.004
100	57	3.523	3.527	0.004
100	58	3.549	3.542	-0.007
100	59	3.523	3.531	0.008
105	61	3.520	3.560	0.040
105	62	3.483	3.520	0.037
105	64	3.476	3.509	0.033
105	65	3.479	3.487	0.008
105	66	3.490	3.520	0.030
	Max	3.571	3.586	0.040
	Average	3.476	3.480	0.004
	Min	3.402	3.398	-0.026
	Std Dev	0.037	0.040	0.013



	5.0 __VIN_UVLO_RISING	
Test Site		
Tester		
Test Number		
Max Limit	3.8	V
Min Limit	3.2	V

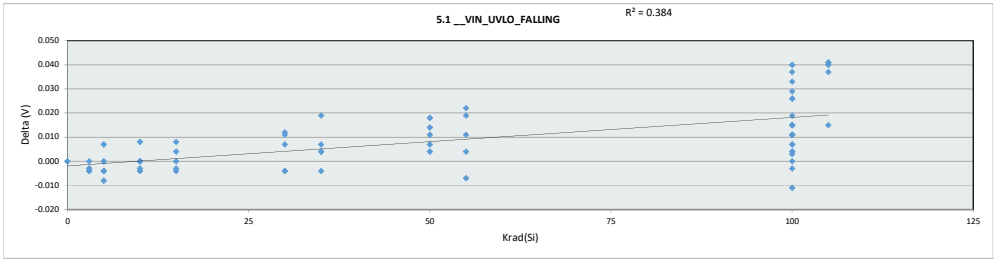
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200
Min	3.461	3.439	3.409	3.424	3.420	3.424	3.424	3.465	3.439	3.398	3.487
Average	3.465	3.465	3.470	3.449	3.471	3.474	3.475	3.512	3.473	3.484	3.519
Max	3.468	3.494	3.538	3.472	3.545	3.534	3.523	3.586	3.512	3.549	3.560
UL	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800



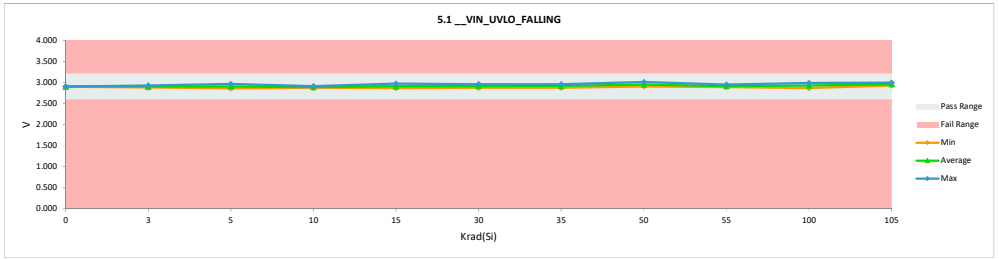
HDR TID Report
TPS7H2211-SP

	5.1 __VIN_UVLO_FALLING	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.2	3.2
Min Limit	2.6	2.6

Krad(Si)	Serial #	PRE	POST	Delta
0	227	2.902	2.902	0.000
0	229	2.905	2.905	0.000
3	107	2.883	2.883	0.000
3	108	2.916	2.913	-0.003
3	109	2.935	2.931	-0.004
3	110	2.909	2.905	-0.004
3	111	2.894	2.891	-0.003
5	112	2.931	2.938	0.007
5	113	2.861	2.861	0.000
5	114	2.876	2.872	-0.004
5	115	2.913	2.905	-0.008
5	116	2.968	2.964	-0.004
10	96	2.872	2.872	0.000
10	97	2.891	2.887	-0.004
10	98	2.905	2.902	-0.003
10	99	2.905	2.913	0.008
10	100	2.891	2.891	0.000
15	101	2.876	2.876	0.000
15	102	2.872	2.869	-0.003
15	104	2.964	2.972	0.008
15	105	2.909	2.905	-0.004
15	106	2.927	2.931	0.004
30	83	2.872	2.883	0.011
30	84	2.935	2.942	0.007
30	85	2.880	2.876	-0.004
30	86	2.949	2.961	0.012
30	87	2.913	2.909	-0.004
35	88	2.924	2.920	-0.004
35	92	2.942	2.946	0.004
35	93	2.938	2.957	0.019
35	94	2.872	2.876	0.004
35	95	2.876	2.883	0.007
50	1	2.924	2.938	0.014
50	2	2.898	2.909	0.011
50	3	2.964	2.968	0.004
50	5	2.990	3.008	0.018
50	6	2.913	2.920	0.007
55	7	2.938	2.949	0.011
55	8	2.931	2.935	0.004
55	9	2.869	2.891	0.022
55	10	2.909	2.902	-0.007
55	11	2.883	2.902	0.019
100	29	2.891	2.891	0.000
100	30	2.953	2.968	0.015
100	31	2.854	2.865	0.011
100	32	2.913	2.924	0.011
100	34	2.891	2.920	0.029
100	35	2.909	2.946	0.037
100	36	2.942	2.946	0.004
100	38	2.916	2.905	-0.011
100	39	2.931	2.964	0.033
100	41	2.872	2.898	0.026
100	42	2.880	2.887	0.007
100	43	2.946	2.986	0.040
100	45	2.924	2.927	0.003
100	46	2.920	2.931	0.011
100	47	2.938	2.935	-0.003
100	48	2.905	2.920	0.015
100	49	2.927	2.938	0.011
100	51	2.894	2.920	0.026
100	54	2.920	2.927	0.007
100	56	2.887	2.902	0.015
100	57	2.953	2.968	0.015
100	58	2.975	2.979	0.004
100	59	2.953	2.972	0.019
105	61	2.953	2.994	0.041
105	62	2.920	2.961	0.041
105	64	2.913	2.953	0.040
105	65	2.916	2.931	0.015
105	66	2.924	2.961	0.037
	Max	2.990	3.008	0.041
	Average	2.913	2.923	0.009
	Min	2.854	2.861	-0.011
	Std Dev	0.030	0.035	0.013



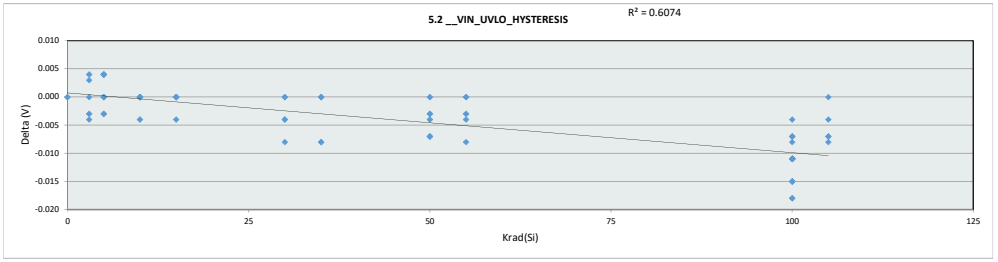
	5.1 __VIN_UVLO_FALLING										
Test Site											
Tester											
Test Number											
Max Limit	3.2	V									
Min Limit	2.6	V									
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600
Min	2.902	2.883	2.861	2.872	2.869	2.876	2.876	2.909	2.891	2.865	2.931
Average	2.904	2.905	2.908	2.893	2.911	2.914	2.916	2.949	2.916	2.931	2.960
Max	2.905	2.931	2.964	2.913	2.972	2.961	2.957	3.008	2.949	2.986	2.994
UL	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200



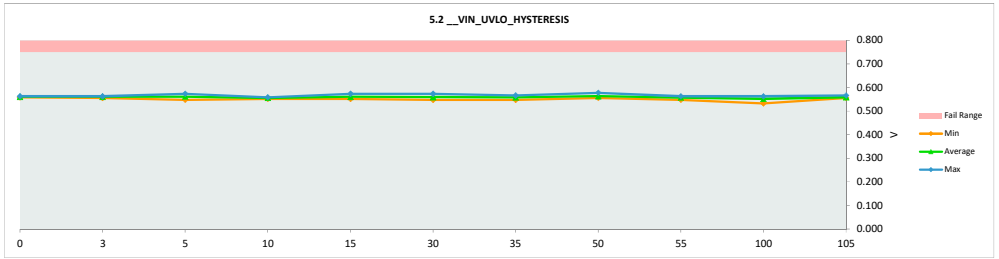
HDR TID Report
TPS7H2211-SP

	5.2 __VIN_UVLO_HYSTERESIS	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.75	0.75
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	0.559	0.559	0.000
0	229	0.563	0.563	0.000
3	107	0.559	0.556	-0.003
3	108	0.563	0.563	0.000
3	109	0.567	0.563	-0.004
3	110	0.559	0.563	0.004
3	111	0.556	0.559	0.003
5	112	0.570	0.567	-0.003
5	113	0.548	0.548	0.000
5	114	0.552	0.556	0.004
5	115	0.559	0.563	0.004
5	116	0.574	0.574	0.000
10	96	0.552	0.552	0.000
10	97	0.556	0.556	0.000
10	98	0.563	0.559	-0.004
10	99	0.559	0.559	0.000
10	100	0.556	0.556	0.000
15	101	0.552	0.552	0.000
15	102	0.556	0.552	-0.004
15	104	0.574	0.574	0.000
15	105	0.559	0.559	0.000
15	106	0.567	0.567	0.000
30	83	0.556	0.552	-0.004
30	84	0.567	0.567	0.000
30	85	0.556	0.548	-0.008
30	86	0.574	0.574	0.000
30	87	0.563	0.559	-0.004
35	88	0.567	0.559	-0.008
35	92	0.567	0.567	0.000
35	93	0.567	0.567	0.000
35	94	0.556	0.548	-0.008
35	95	0.552	0.552	0.000
50	1	0.567	0.563	-0.004
50	2	0.556	0.556	0.000
50	3	0.574	0.567	-0.007
50	5	0.581	0.578	-0.003
50	6	0.563	0.556	-0.007
55	7	0.567	0.563	-0.004
55	8	0.563	0.563	0.000
55	9	0.556	0.548	-0.008
55	10	0.559	0.556	-0.003
55	11	0.556	0.556	0.000
100	29	0.559	0.541	-0.018
100	30	0.570	0.559	-0.011
100	31	0.548	0.533	-0.015
100	32	0.563	0.552	-0.011
100	34	0.563	0.556	-0.007
100	35	0.563	0.556	-0.007
100	36	0.567	0.552	-0.015
100	38	0.567	0.552	-0.015
100	39	0.563	0.559	-0.004
100	41	0.552	0.544	-0.008
100	42	0.552	0.541	-0.011
100	43	0.570	0.563	-0.007
100	45	0.567	0.556	-0.011
100	46	0.563	0.552	-0.011
100	47	0.570	0.552	-0.018
100	48	0.563	0.552	-0.011
100	49	0.567	0.552	-0.015
100	51	0.563	0.552	-0.011
100	54	0.563	0.552	-0.011
100	56	0.559	0.548	-0.011
100	57	0.570	0.559	-0.011
100	58	0.574	0.563	-0.011
100	59	0.570	0.559	-0.011
105	61	0.567	0.567	0.000
105	62	0.563	0.559	-0.004
105	64	0.563	0.556	-0.007
105	65	0.563	0.556	-0.007
105	66	0.567	0.559	-0.008
	Max	0.581	0.578	0.004
	Average	0.563	0.557	-0.005
	Min	0.548	0.533	-0.018
	Std Dev	0.007	0.008	0.006



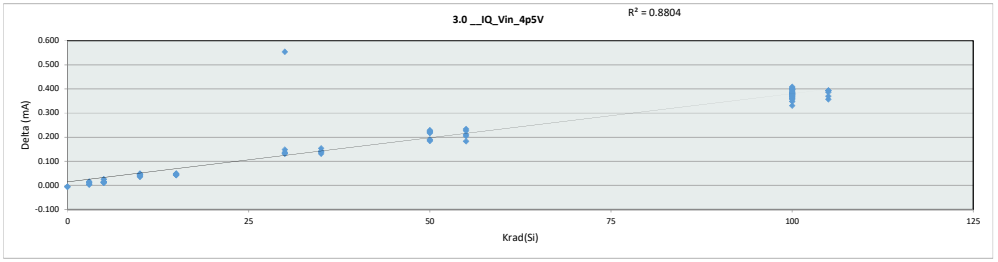
	5.2 __VIN_UVLO_HYSTERESIS										
Test Site											
Tester											
Test Number											
Max Limit	0.75	V									
Min Limit		V									
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	0.559	0.556	0.548	0.552	0.552	0.548	0.548	0.556	0.548	0.533	0.556
Average	0.561	0.561	0.562	0.556	0.561	0.560	0.559	0.564	0.557	0.552	0.559
Max	0.563	0.563	0.574	0.559	0.574	0.574	0.567	0.578	0.563	0.563	0.567
UL	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750



HDR TID Report
TPS7H2211-SP

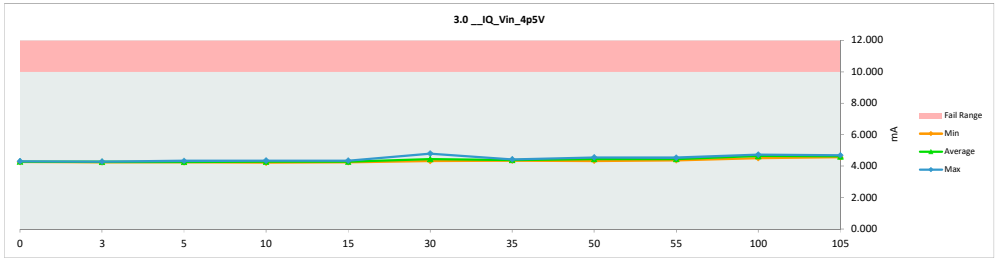
	3.0 __IQ_Vin_4p5V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	10	10
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	4.258	4.252	-0.006
0	229	4.318	4.312	-0.006
3	107	4.261	4.277	0.016
3	108	4.259	4.271	0.012
3	109	4.229	4.233	0.005
3	110	4.279	4.289	0.010
3	111	4.279	4.281	0.003
5	112	4.254	4.268	0.014
5	113	4.305	4.330	0.025
5	114	4.222	4.236	0.013
5	115	4.247	4.260	0.013
5	116	4.238	4.249	0.011
10	96	4.304	4.348	0.045
10	97	4.254	4.302	0.048
10	98	4.169	4.214	0.045
10	99	4.255	4.294	0.039
10	100	4.261	4.296	0.035
15	101	4.297	4.345	0.048
15	102	4.211	4.260	0.048
15	104	4.223	4.265	0.042
15	105	4.306	4.350	0.044
15	106	4.200	4.244	0.044
30	83	4.229	4.366	0.136
30	84	4.259	4.407	0.148
30	85	4.243	4.797	0.554
30	86	4.182	4.314	0.131
30	87	4.211	4.344	0.133
35	88	4.275	4.428	0.154
35	92	4.216	4.346	0.131
35	93	4.235	4.378	0.142
35	94	4.246	4.385	0.139
35	95	4.265	4.403	0.138
50	1	4.243	4.460	0.217
50	2	4.314	4.536	0.222
50	3	4.146	4.336	0.190
50	5	4.188	4.373	0.185
50	6	4.325	4.554	0.228
55	7	4.282	4.515	0.234
55	8	4.308	4.535	0.227
55	9	4.204	4.409	0.205
55	10	4.233	4.443	0.211
55	11	4.188	4.372	0.183
100	29	4.328	4.732	0.404
100	30	4.293	4.654	0.360
100	31	4.266	4.644	0.378
100	32	4.209	4.566	0.357
100	34	4.206	4.574	0.368
100	35	4.166	4.552	0.386
100	36	4.292	4.666	0.374
100	38	4.184	4.550	0.366
100	39	4.249	4.652	0.403
100	41	4.240	4.638	0.398
100	42	4.268	4.634	0.366
100	43	4.276	4.666	0.390
100	45	4.258	4.643	0.385
100	46	4.311	4.693	0.381
100	47	4.276	4.685	0.409
100	48	4.177	4.508	0.331
100	49	4.287	4.635	0.348
100	51	4.294	4.691	0.397
100	54	4.289	4.685	0.396
100	56	4.283	4.659	0.376
100	57	4.267	4.649	0.382
100	58	4.300	4.699	0.398
100	59	4.295	4.667	0.372
105	61	4.295	4.688	0.393
105	62	4.240	4.610	0.370
105	64	4.260	4.647	0.387
105	65	4.208	4.601	0.394
105	66	4.206	4.563	0.357
	Max	4.328	4.797	0.554
	Average	4.252	4.468	0.215
	Min	4.146	4.214	-0.006
	Std Dev	0.043	0.168	0.159



	3.0 __IQ_Vin_4p5V	
Test Site		
Tester		
Test Number		
Max Limit	10	mA
Min Limit		mA

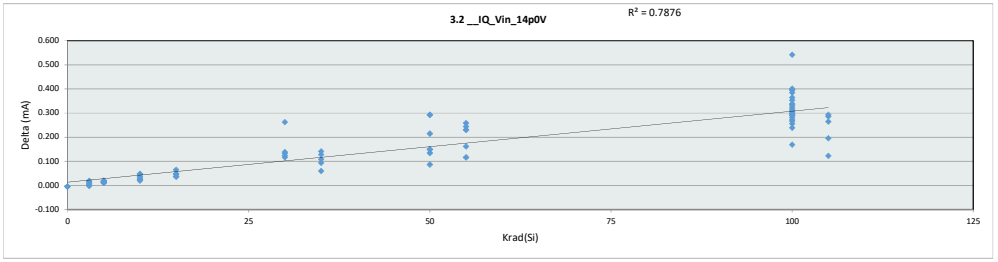
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	4.252	4.233	4.236	4.214	4.244	4.314	4.346	4.336	4.372	4.508	4.563
Average	4.282	4.270	4.268	4.291	4.293	4.445	4.388	4.452	4.455	4.641	4.622
Max	4.312	4.289	4.330	4.349	4.350	4.797	4.428	4.554	4.535	4.732	4.689
UL	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000



HDR TID Report
TPS7H2211-SP

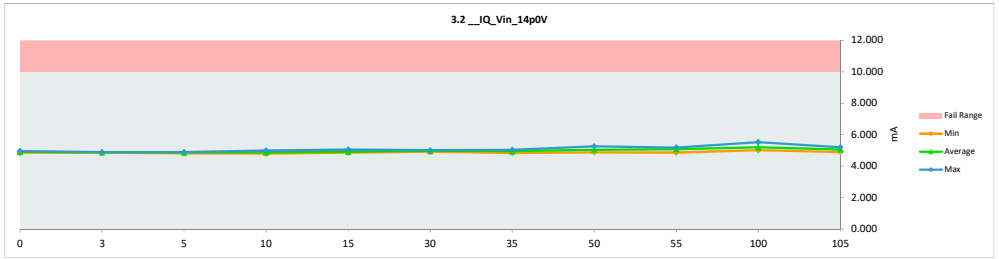
	3.2 __IQ_Vin_14p0V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	10	10
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	4.852	4.847	-0.005
0	229	4.965	4.959	-0.005
3	107	4.872	4.891	0.018
3	108	4.864	4.880	0.016
3	109	4.844	4.842	-0.002
3	110	4.878	4.887	0.010
3	111	4.865	4.869	0.004
5	112	4.881	4.895	0.014
5	113	4.853	4.869	0.016
5	114	4.853	4.864	0.011
5	115	4.794	4.806	0.012
5	116	4.874	4.894	0.019
10	96	4.933	4.980	0.047
10	97	4.803	4.827	0.024
10	98	4.764	4.801	0.037
10	99	4.820	4.841	0.020
10	100	4.879	4.909	0.029
15	101	4.979	5.044	0.065
15	102	4.795	4.841	0.047
15	104	4.816	4.853	0.036
15	105	4.945	4.982	0.037
15	106	4.849	4.897	0.048
30	83	4.871	5.009	0.138
30	84	4.883	5.007	0.124
30	85	4.746	5.008	0.262
30	86	4.786	4.903	0.117
30	87	4.795	4.928	0.133
35	88	4.874	5.001	0.128
35	92	4.778	4.838	0.060
35	93	4.784	4.877	0.093
35	94	4.874	4.982	0.108
35	95	4.892	5.033	0.141
50	1	4.853	5.002	0.149
50	2	4.936	5.151	0.215
50	3	4.746	4.881	0.134
50	5	4.821	4.907	0.087
50	6	4.972	5.264	0.293
55	7	4.938	5.168	0.230
55	8	4.938	5.100	0.162
55	9	4.839	5.083	0.244
55	10	4.926	5.185	0.258
55	11	4.744	4.860	0.116
100	29	4.985	5.527	0.542
100	30	4.941	5.213	0.272
100	31	4.863	5.217	0.353
100	32	4.812	5.102	0.290
100	34	4.831	5.128	0.298
100	35	4.721	5.012	0.291
100	36	4.931	5.197	0.266
100	38	4.822	5.217	0.395
100	39	4.847	5.185	0.338
100	41	4.855	5.151	0.296
100	42	4.912	5.277	0.364
100	43	4.786	5.067	0.281
100	45	4.905	5.301	0.396
100	46	4.900	5.285	0.384
100	47	4.888	5.192	0.304
100	48	4.803	5.111	0.309
100	49	4.906	5.239	0.333
100	51	4.926	5.327	0.401
100	54	4.888	5.144	0.256
100	56	4.866	5.035	0.169
100	57	4.893	5.210	0.317
100	58	4.913	5.238	0.325
100	59	4.914	5.153	0.239
105	61	4.913	5.199	0.286
105	62	4.847	5.140	0.293
105	64	4.849	5.045	0.196
105	65	4.776	4.898	0.122
105	66	4.775	5.040	0.265
Max		4.985	5.527	0.542
Average		4.861	5.036	0.175
Min		4.721	4.801	-0.005
Std Dev		0.062	0.160	0.135



	3.2 __IQ_Vin_14p0V	
Test Site		
Tester		
Test Number		
Max Limit	10	mA
Min Limit		mA

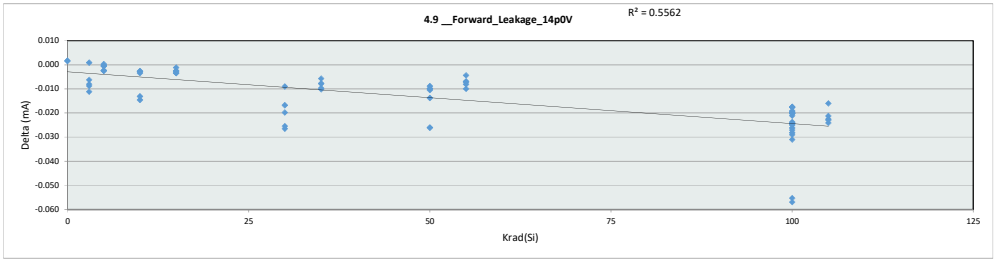
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	4.848	4.842	4.806	4.801	4.842	4.903	4.838	4.881	4.860	5.012	4.898
Average	4.903	4.874	4.866	4.872	4.923	4.971	4.946	5.041	5.079	5.197	5.064
Max	4.959	4.891	4.895	4.980	5.044	5.009	5.033	5.264	5.185	5.527	5.199
UL	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000



HDR TID Report
TPS7H2211-SP

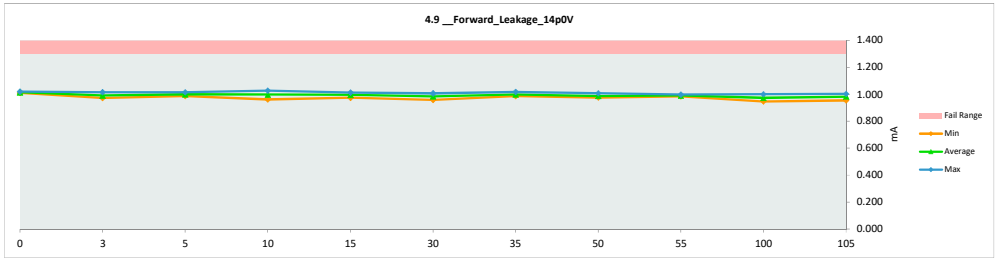
	4.9 __Forward_Leakage_14p0V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	1.3	1.3
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	1.008	1.010	0.002
0	229	1.019	1.021	0.002
3	107	0.981	0.972	-0.009
3	108	0.998	0.987	-0.011
3	109	1.015	1.016	0.001
3	110	0.985	0.979	-0.006
3	111	1.005	0.997	-0.008
5	112	1.016	1.015	0.000
5	113	1.006	1.004	-0.002
5	114	0.989	0.987	-0.002
5	115	0.988	0.988	0.000
5	116	1.005	1.006	0.000
10	96	1.014	1.001	-0.013
10	97	1.004	1.001	-0.003
10	98	1.030	1.027	-0.003
10	99	0.976	0.962	-0.015
10	100	1.000	0.997	-0.003
15	101	0.978	0.974	-0.003
15	102	1.001	0.998	-0.002
15	104	0.989	0.987	-0.003
15	105	1.015	1.013	-0.001
15	106	1.011	1.007	-0.003
30	83	1.009	0.990	-0.020
30	84	0.991	0.974	-0.017
30	85	1.016	1.007	-0.009
30	86	0.983	0.958	-0.025
30	87	1.019	0.992	-0.026
35	88	1.002	0.992	-0.010
35	92	1.011	1.003	-0.008
35	93	1.006	0.996	-0.010
35	94	1.023	1.017	-0.006
35	95	0.995	0.987	-0.008
50	1	0.996	0.982	-0.014
50	2	1.003	0.995	-0.009
50	3	0.988	0.978	-0.010
50	5	1.001	0.975	-0.026
50	6	1.018	1.008	-0.010
55	7	1.008	0.998	-0.010
55	8	0.999	0.995	-0.004
55	9	0.993	0.985	-0.008
55	10	0.998	0.991	-0.007
55	11	0.993	0.986	-0.007
100	29	1.010	0.986	-0.025
100	30	0.997	0.969	-0.028
100	31	0.982	0.957	-0.024
100	32	1.017	0.986	-0.031
100	34	0.982	0.962	-0.020
100	35	1.004	0.949	-0.055
100	36	1.008	0.988	-0.020
100	38	1.002	0.983	-0.019
100	39	0.995	0.969	-0.026
100	41	1.010	0.986	-0.024
100	42	0.991	0.970	-0.021
100	43	1.003	0.946	-0.057
100	45	1.007	0.988	-0.020
100	46	1.006	0.977	-0.029
100	47	0.992	0.972	-0.020
100	48	0.994	0.976	-0.018
100	49	0.995	0.971	-0.024
100	51	0.990	0.973	-0.017
100	54	0.975	0.948	-0.027
100	56	1.025	1.001	-0.024
100	57	0.989	0.964	-0.025
100	58	1.000	0.982	-0.018
100	59	1.017	0.997	-0.020
105	61	1.003	0.981	-0.023
105	62	1.023	1.002	-0.021
105	64	0.979	0.955	-0.024
105	65	1.019	1.003	-0.016
105	66	0.996	0.973	-0.023
	Max	1.030	1.027	0.002
	Average	1.001	0.987	-0.015
	Min	0.975	0.946	-0.057
	Std Dev	0.013	0.018	0.012



	4.9 __Forward_Leakage_14p0	
Test Site		
Tester		
Test Number		
Max Limit	1.3	mA
Min Limit		mA

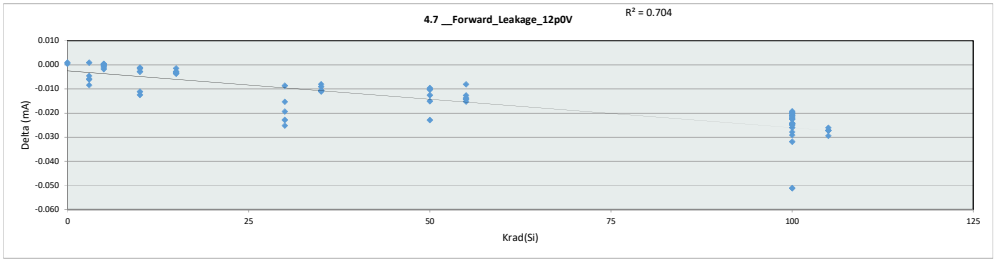
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	1.010	0.972	0.987	0.962	0.974	0.958	0.987	0.975	0.985	0.946	0.955
Average	1.015	0.990	1.000	0.998	0.996	0.984	0.999	0.988	0.991	0.974	0.983
Max	1.021	1.016	1.015	1.027	1.013	1.007	1.017	1.008	0.998	1.001	1.003
UL	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300



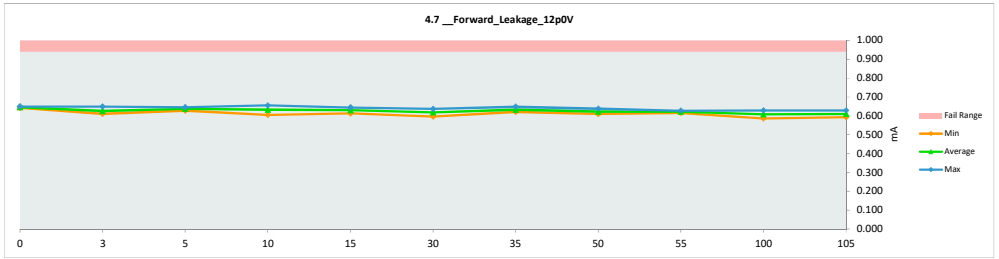
HDR TID Report
TPS7H2211-SP

	4.7 __Forward_Leakage_12p0V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	0.94	0.94
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	0.641	0.642	0.001
0	229	0.649	0.650	0.000
3	107	0.617	0.611	-0.006
3	108	0.630	0.622	-0.008
3	109	0.648	0.649	0.001
3	110	0.622	0.618	-0.005
3	111	0.638	0.632	-0.006
5	112	0.646	0.646	0.000
5	113	0.640	0.639	-0.001
5	114	0.630	0.629	-0.002
5	115	0.627	0.627	0.000
5	116	0.643	0.643	0.000
10	96	0.644	0.633	-0.011
10	97	0.636	0.635	-0.001
10	98	0.657	0.655	-0.002
10	99	0.617	0.605	-0.013
10	100	0.639	0.636	-0.003
15	101	0.616	0.613	-0.003
15	102	0.636	0.633	-0.003
15	104	0.626	0.622	-0.004
15	105	0.646	0.645	-0.001
15	106	0.641	0.637	-0.004
30	83	0.645	0.625	-0.019
30	84	0.625	0.610	-0.015
30	85	0.645	0.636	-0.009
30	86	0.620	0.597	-0.023
30	87	0.649	0.624	-0.025
35	88	0.640	0.629	-0.011
35	92	0.645	0.635	-0.011
35	93	0.641	0.630	-0.011
35	94	0.656	0.648	-0.008
35	95	0.630	0.621	-0.009
50	1	0.634	0.619	-0.015
50	2	0.638	0.629	-0.010
50	3	0.630	0.618	-0.013
50	5	0.632	0.609	-0.023
50	6	0.648	0.638	-0.010
55	7	0.639	0.625	-0.014
55	8	0.632	0.624	-0.008
55	9	0.630	0.615	-0.015
55	10	0.640	0.627	-0.013
55	11	0.632	0.618	-0.014
100	29	0.641	0.616	-0.024
100	30	0.634	0.604	-0.029
100	31	0.621	0.596	-0.025
100	32	0.649	0.617	-0.032
100	34	0.621	0.600	-0.021
100	35	0.638	0.587	-0.051
100	36	0.640	0.620	-0.020
100	38	0.633	0.614	-0.020
100	39	0.630	0.605	-0.025
100	41	0.641	0.616	-0.024
100	42	0.628	0.605	-0.023
100	43	0.640	0.589	-0.051
100	45	0.642	0.619	-0.022
100	46	0.641	0.613	-0.028
100	47	0.629	0.608	-0.021
100	48	0.634	0.611	-0.023
100	49	0.626	0.605	-0.021
100	51	0.628	0.608	-0.019
100	54	0.610	0.586	-0.025
100	56	0.654	0.628	-0.026
100	57	0.625	0.601	-0.024
100	58	0.637	0.617	-0.020
100	59	0.650	0.628	-0.022
105	61	0.634	0.607	-0.027
105	62	0.655	0.628	-0.027
105	64	0.622	0.592	-0.030
105	65	0.648	0.622	-0.026
105	66	0.629	0.601	-0.027
Max		0.657	0.655	0.001
Average		0.636	0.621	-0.015
Min		0.610	0.586	-0.051
Std Dev		0.010	0.016	0.011



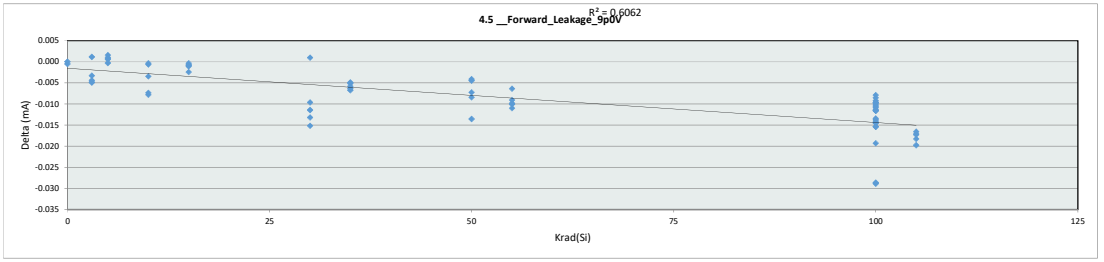
	4.7 __Forward_Leakage_12p0										
Test Site											
Tester											
Test Number											
Max Limit	0.94	mA									
Min Limit		mA									
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	0.642	0.611	0.627	0.605	0.613	0.597	0.621	0.609	0.615	0.586	0.592
Average	0.646	0.626	0.637	0.633	0.630	0.618	0.632	0.622	0.622	0.608	0.610
Max	0.650	0.649	0.646	0.655	0.645	0.636	0.648	0.638	0.627	0.628	0.628
UL	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940



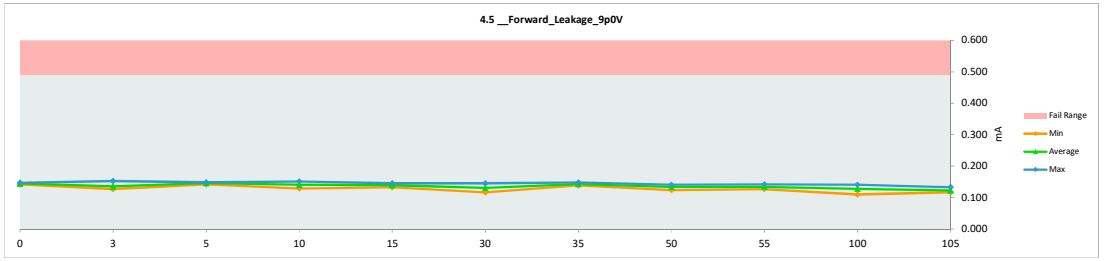
HDR TID Report
TPS7H2211-SP

	4.5 __Forward_Leakage_9p0V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	0.49	0.49
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	0.142	0.142	0.000
0	229	0.148	0.147	-0.001
3	107	0.131	0.127	-0.004
3	108	0.136	0.131	-0.005
3	109	0.151	0.152	0.001
3	110	0.134	0.131	-0.003
3	111	0.140	0.136	-0.005
5	112	0.148	0.148	0.001
5	113	0.143	0.144	0.001
5	114	0.148	0.148	0.000
5	115	0.140	0.141	0.002
5	116	0.146	0.147	0.001
10	96	0.145	0.137	-0.008
10	97	0.141	0.140	-0.001
10	98	0.151	0.151	0.000
10	99	0.136	0.129	-0.007
10	100	0.149	0.146	-0.003
15	101	0.133	0.132	-0.001
15	102	0.142	0.141	-0.001
15	104	0.135	0.133	-0.002
15	105	0.146	0.145	0.000
15	106	0.145	0.144	-0.001
30	83	0.147	0.135	-0.011
30	84	0.134	0.124	-0.010
30	85	0.144	0.145	0.001
30	86	0.129	0.116	-0.013
30	87	0.146	0.131	-0.015
35	88	0.149	0.142	-0.006
35	92	0.149	0.143	-0.007
35	93	0.147	0.142	-0.006
35	94	0.152	0.147	-0.005
35	95	0.143	0.138	-0.005
50	1	0.140	0.132	-0.008
50	2	0.145	0.140	-0.004
50	3	0.141	0.133	-0.007
50	5	0.137	0.123	-0.014
50	6	0.144	0.140	-0.004
55	7	0.141	0.132	-0.010
55	8	0.142	0.136	-0.006
55	9	0.137	0.126	-0.011
55	10	0.151	0.142	-0.009
55	11	0.145	0.135	-0.010
100	29	0.143	0.130	-0.014
100	30	0.140	0.125	-0.015
100	31	0.136	0.122	-0.014
100	32	0.148	0.129	-0.019
100	34	0.134	0.123	-0.010
100	35	0.138	0.110	-0.029
100	36	0.148	0.139	-0.010
100	38	0.138	0.129	-0.009
100	39	0.140	0.129	-0.011
100	41	0.143	0.130	-0.013
100	42	0.141	0.129	-0.012
100	43	0.144	0.116	-0.029
100	45	0.144	0.133	-0.012
100	46	0.150	0.135	-0.015
100	47	0.140	0.131	-0.010
100	48	0.142	0.126	-0.015
100	49	0.132	0.124	-0.008
100	51	0.140	0.132	-0.009
100	54	0.127	0.115	-0.012
100	56	0.146	0.132	-0.014
100	57	0.139	0.128	-0.011
100	58	0.146	0.136	-0.010
100	59	0.151	0.140	-0.011
105	61	0.139	0.122	-0.017
105	62	0.150	0.133	-0.017
105	64	0.137	0.117	-0.020
105	65	0.143	0.125	-0.018
105	66	0.134	0.117	-0.017
	Max	0.152	0.152	0.002
	Average	0.142	0.134	-0.009
	Min	0.127	0.110	-0.029
	Std Dev	0.006	0.010	0.007



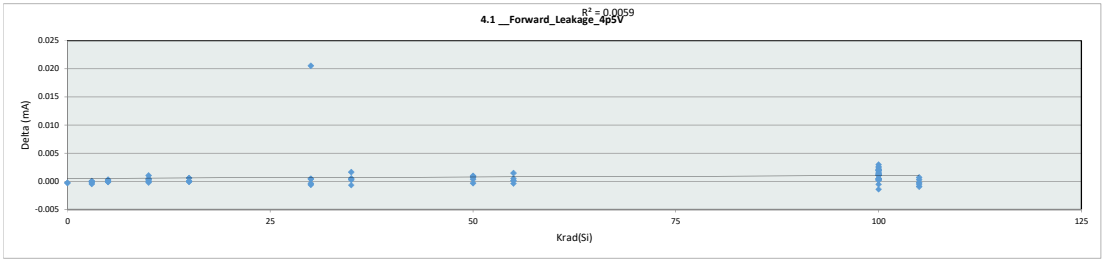
	4.5 __Forward_Leakage_9p0V										
Test Site											
Tester											
Test Number											
Max Limit	0.49	mA									
Min Limit		mA									
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	0.142	0.127	0.141	0.129	0.132	0.116	0.138	0.123	0.126	0.110	0.117
Average	0.145	0.135	0.146	0.140	0.139	0.130	0.142	0.134	0.134	0.128	0.123
Max	0.147	0.152	0.148	0.151	0.145	0.145	0.147	0.140	0.142	0.140	0.133
UL	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490



HDR TID Report
TPS7H2211-SP

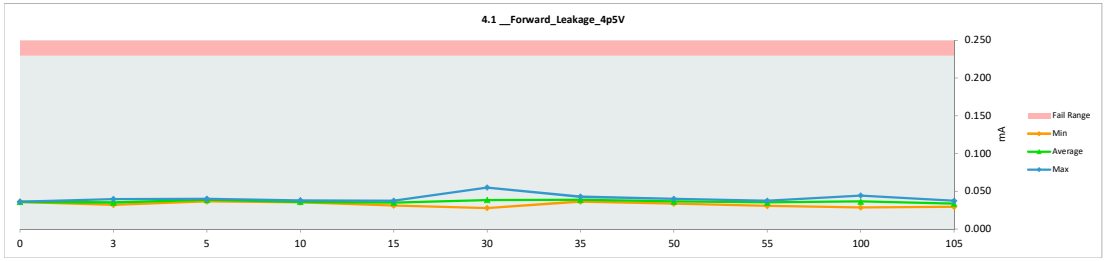
	4.1 __Forward_Leakage_4p5V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	0.23	0.23
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	0.036	0.036	0.000
0	229	0.037	0.036	0.000
3	107	0.032	0.032	0.000
3	108	0.033	0.033	0.000
3	109	0.040	0.040	0.000
3	110	0.034	0.034	0.000
3	111	0.037	0.037	0.000
5	112	0.036	0.037	0.000
5	113	0.039	0.039	0.000
5	114	0.039	0.039	0.000
5	115	0.039	0.040	0.000
5	116	0.039	0.039	0.000
10	96	0.035	0.036	0.000
10	97	0.036	0.035	0.000
10	98	0.037	0.038	0.001
10	99	0.035	0.035	0.000
10	100	0.035	0.035	0.000
15	101	0.032	0.032	0.000
15	102	0.036	0.037	0.001
15	104	0.031	0.031	0.000
15	105	0.036	0.037	0.001
15	106	0.037	0.037	0.000
30	83	0.039	0.039	0.000
30	84	0.034	0.033	-0.001
30	85	0.034	0.055	0.021
30	86	0.028	0.028	0.000
30	87	0.036	0.037	0.000
35	88	0.043	0.043	-0.001
35	92	0.036	0.036	0.000
35	93	0.037	0.037	0.001
35	94	0.038	0.039	0.002
35	95	0.037	0.037	0.000
50	1	0.034	0.034	0.000
50	2	0.039	0.040	0.001
50	3	0.034	0.034	0.001
50	5	0.034	0.035	0.001
50	6	0.039	0.039	0.000
55	7	0.035	0.035	0.000
55	8	0.035	0.037	0.001
55	9	0.030	0.031	0.000
55	10	0.038	0.037	0.000
55	11	0.036	0.037	0.001
100	29	0.034	0.036	0.002
100	30	0.037	0.039	0.002
100	31	0.035	0.036	0.001
100	32	0.036	0.036	0.000
100	34	0.029	0.030	0.002
100	35	0.031	0.031	0.001
100	36	0.040	0.043	0.003
100	38	0.031	0.034	0.003
100	39	0.033	0.035	0.002
100	41	0.034	0.035	0.001
100	42	0.038	0.037	-0.001
100	43	0.035	0.037	0.001
100	45	0.037	0.036	-0.001
100	46	0.043	0.044	0.001
100	47	0.038	0.039	0.001
100	48	0.032	0.032	0.001
100	49	0.031	0.033	0.002
100	51	0.036	0.038	0.002
100	54	0.027	0.029	0.001
100	56	0.035	0.036	0.000
100	57	0.038	0.038	0.000
100	58	0.041	0.041	0.000
100	59	0.042	0.044	0.002
105	61	0.035	0.036	0.000
105	62	0.037	0.037	0.001
105	64	0.033	0.033	0.000
105	65	0.033	0.033	0.000
105	66	0.030	0.029	-0.001
	Max	0.043	0.055	0.021
	Average	0.036	0.036	0.001
	Min	0.027	0.028	-0.001
	Std Dev	0.003	0.004	0.003



	4.1 __Forward_Leakage_4p5V	
Test Site		
Tester		
Test Number		
Max Limit	0.23	mA
Min Limit		mA

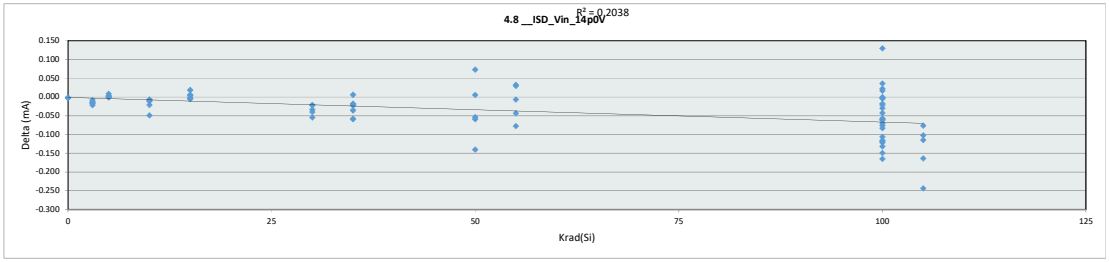
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	0.036	0.032	0.037	0.035	0.031	0.028	0.036	0.034	0.031	0.029	0.029
Average	0.036	0.035	0.039	0.036	0.035	0.038	0.038	0.036	0.035	0.037	0.034
Max	0.036	0.040	0.040	0.038	0.037	0.055	0.043	0.040	0.037	0.044	0.037
UL	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230



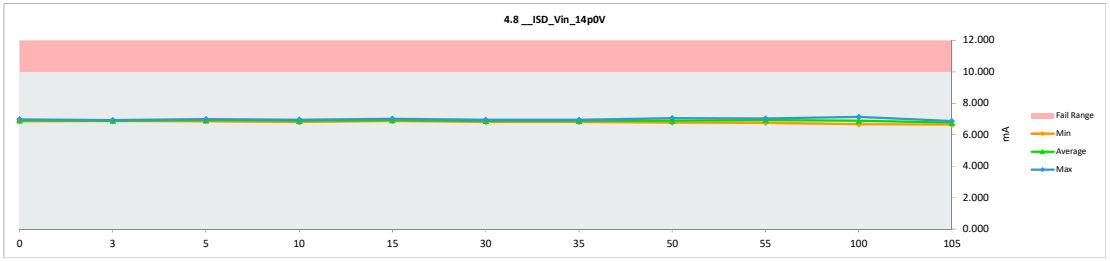
HDR TID Report
TPS7H2211-SP

	4.8 __ISD_Vin_14p0V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	10	10
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	6.856	6.855	-0.001
0	229	6.978	6.976	-0.003
3	107	6.910	6.897	-0.013
3	108	6.901	6.884	-0.017
3	109	6.940	6.932	-0.008
3	110	6.919	6.904	-0.015
3	111	6.882	6.860	-0.022
5	112	6.954	6.953	-0.001
5	113	6.902	6.905	0.003
5	114	6.937	6.936	0.000
5	115	6.852	6.855	0.002
5	116	6.977	6.985	0.008
10	96	6.981	6.960	-0.021
10	97	6.869	6.858	-0.011
10	98	6.854	6.848	-0.007
10	99	6.854	6.805	-0.049
10	100	6.968	6.961	-0.007
15	101	6.997	7.015	0.018
15	102	6.880	6.884	0.004
15	104	6.877	6.872	-0.005
15	105	6.953	6.951	-0.002
15	106	6.917	6.922	0.006
30	83	6.946	6.925	-0.021
30	84	6.963	6.941	-0.022
30	85	6.896	6.863	-0.034
30	86	6.873	6.819	-0.054
30	87	6.908	6.868	-0.040
35	88	6.926	6.908	-0.018
35	92	6.882	6.823	-0.058
35	93	6.876	6.840	-0.036
35	94	6.966	6.944	-0.022
35	95	6.917	6.923	0.006
50	1	6.909	6.856	-0.054
50	2	6.988	6.994	0.006
50	3	6.834	6.774	-0.059
50	5	6.914	6.773	-0.140
50	6	6.971	7.044	0.073
55	7	7.011	7.004	-0.007
55	8	6.957	6.913	-0.044
55	9	6.933	6.963	0.030
55	10	6.993	7.026	0.032
55	11	6.836	6.759	-0.077
100	29	7.005	7.135	0.130
100	30	6.998	6.876	-0.122
100	31	6.906	6.885	-0.021
100	32	6.944	6.860	-0.083
100	34	6.898	6.841	-0.057
100	35	6.814	6.665	-0.149
100	36	6.973	6.858	-0.115
100	38	6.942	6.978	0.036
100	39	6.920	6.878	-0.043
100	41	6.923	6.853	-0.070
100	42	6.975	6.974	0.000
100	43	6.870	6.739	-0.132
100	45	6.972	6.989	0.017
100	46	6.937	6.934	-0.004
100	47	6.935	6.860	-0.076
100	48	6.952	6.934	-0.018
100	49	6.917	6.888	-0.030
100	51	6.973	6.995	0.022
100	54	6.928	6.810	-0.118
100	56	6.990	6.825	-0.165
100	57	6.921	6.860	-0.061
100	58	6.953	6.893	-0.060
100	59	6.983	6.877	-0.106
105	61	6.964	6.862	-0.102
105	62	6.946	6.870	-0.076
105	64	6.910	6.746	-0.164
105	65	6.880	6.637	-0.243
105	66	6.833	6.718	-0.115
	Max	7.011	7.135	0.130
	Average	6.926	6.889	-0.037
	Min	6.814	6.637	-0.243
	Std Dev	0.048	0.086	0.060



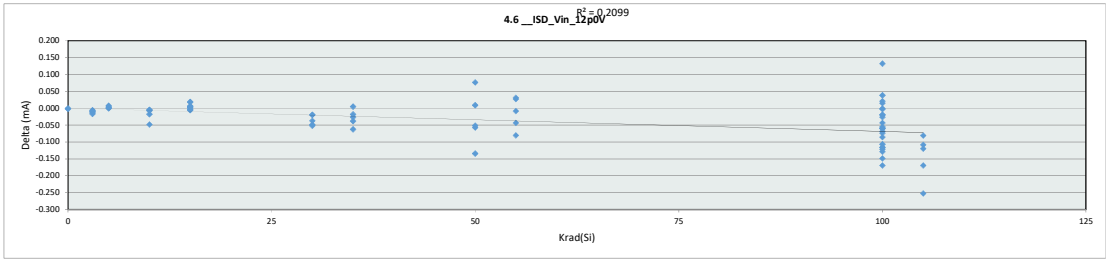
	4.8 __ISD_Vin_14p0V										
Test Site											
Tester											
Test Number											
Max Limit	10	mA									
Min Limit		mA									
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	6.855	6.860	6.855	6.805	6.872	6.819	6.823	6.774	6.759	6.665	6.637
Average	6.915	6.895	6.927	6.886	6.929	6.883	6.888	6.888	6.933	6.887	6.766
Max	6.976	6.932	6.985	6.961	7.015	6.941	6.944	7.044	7.026	7.135	6.870
UL	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000



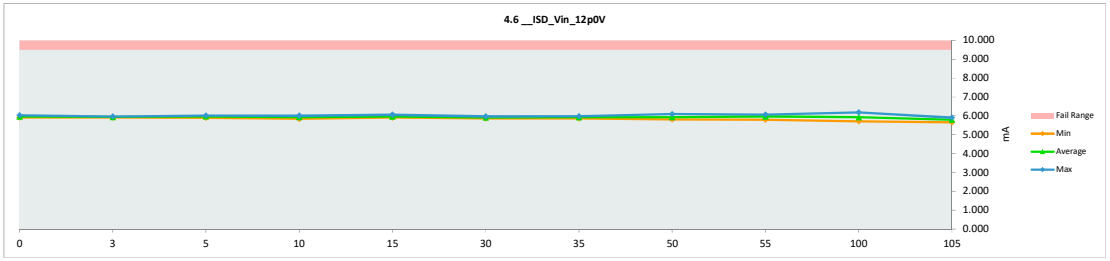
HDR TID Report
TPS7H2211-SP

	4.6 __ISD_Vin_12p0V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.5	9.5
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	5.910	5.910	0.000
0	229	6.027	6.025	-0.002
3	107	5.949	5.941	-0.008
3	108	5.941	5.928	-0.013
3	109	5.971	5.965	-0.006
3	110	5.959	5.949	-0.010
3	111	5.927	5.910	-0.017
5	112	5.993	5.992	-0.001
5	113	5.938	5.942	0.004
5	114	5.972	5.972	0.000
5	115	5.890	5.893	0.003
5	116	6.003	6.011	0.008
10	96	6.023	6.006	-0.018
10	97	5.909	5.902	-0.007
10	98	5.897	5.892	-0.004
10	99	5.897	5.848	-0.048
10	100	6.006	6.001	-0.006
15	101	6.036	6.054	0.018
15	102	5.912	5.916	0.003
15	104	5.917	5.911	-0.006
15	105	6.002	6.000	-0.002
15	106	5.954	5.960	0.006
30	83	5.984	5.964	-0.020
30	84	5.990	5.971	-0.019
30	85	5.923	5.874	-0.049
30	86	5.917	5.865	-0.052
30	87	5.937	5.900	-0.037
35	88	5.966	5.947	-0.018
35	92	5.922	5.859	-0.063
35	93	5.915	5.877	-0.038
35	94	6.005	5.979	-0.026
35	95	5.961	5.965	0.005
50	1	5.952	5.900	-0.052
50	2	6.019	6.028	0.009
50	3	5.878	5.820	-0.057
50	5	5.942	5.808	-0.134
50	6	6.017	6.094	0.077
55	7	6.037	6.029	-0.009
55	8	5.995	5.951	-0.044
55	9	5.972	6.000	0.027
55	10	6.032	6.063	0.031
55	11	5.874	5.794	-0.081
100	29	6.046	6.178	0.132
100	30	6.026	5.904	-0.122
100	31	5.944	5.924	-0.020
100	32	5.971	5.885	-0.086
100	34	5.936	5.881	-0.056
100	35	5.856	5.707	-0.149
100	36	6.009	5.893	-0.115
100	38	5.965	6.003	0.038
100	39	5.957	5.913	-0.044
100	41	5.959	5.891	-0.069
100	42	6.005	6.004	-0.001
100	43	5.907	5.778	-0.129
100	45	6.013	6.028	0.015
100	46	5.977	5.974	-0.003
100	47	5.969	5.895	-0.074
100	48	5.978	5.958	-0.020
100	49	5.957	5.931	-0.027
100	51	6.009	6.030	0.021
100	54	5.957	5.840	-0.117
100	56	6.017	5.847	-0.170
100	57	5.960	5.900	-0.060
100	58	5.995	5.935	-0.060
100	59	6.020	5.913	-0.107
105	61	6.000	5.891	-0.109
105	62	5.982	5.902	-0.081
105	64	5.952	5.782	-0.170
105	65	5.912	5.660	-0.253
105	66	5.877	5.757	-0.120
Max		6.046	6.178	0.132
Average		5.963	5.926	-0.037
Min		5.856	5.660	-0.253
Std Dev		0.046	0.087	0.061



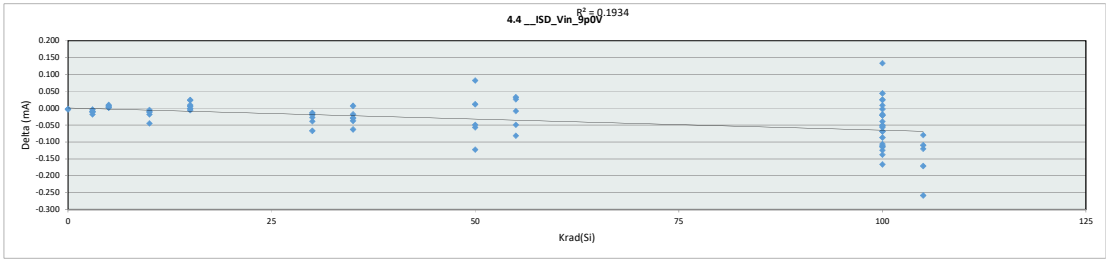
	4.6 __ISD_Vin_12p0V										
Test Site											
Tester											
Test Number											
Max Limit	9.5	mA									
Min Limit		mA									
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	5.910	5.910	5.893	5.849	5.911	5.865	5.859	5.808	5.794	5.707	5.660
Average	5.967	5.938	5.962	5.930	5.968	5.915	5.925	5.930	5.967	5.922	5.798
Max	6.025	5.965	6.011	6.006	6.054	5.971	5.979	6.094	6.063	6.178	5.902
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500



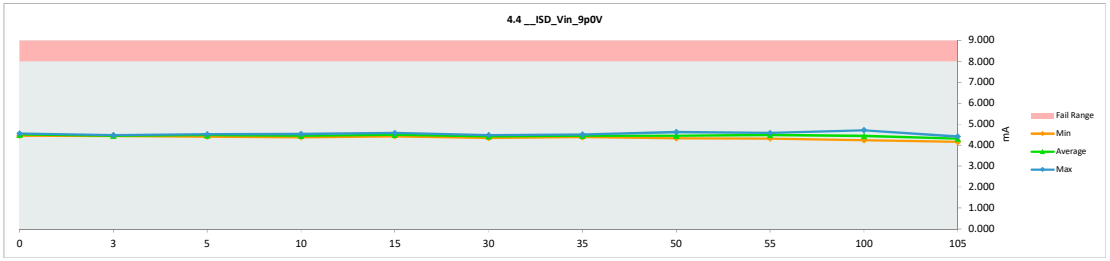
HDR TID Report
TPS7H2211-SP

	4.4 __ISD_Vin_9p0V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	8	8
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	4.454	4.453	-0.002
0	229	4.564	4.560	-0.004
3	107	4.470	4.461	-0.009
3	108	4.460	4.450	-0.011
3	109	4.476	4.472	-0.004
3	110	4.476	4.466	-0.011
3	111	4.457	4.439	-0.018
5	112	4.515	4.517	0.002
5	113	4.443	4.450	0.007
5	114	4.490	4.492	0.002
5	115	4.400	4.406	0.006
5	116	4.490	4.499	0.010
10	96	4.549	4.531	-0.018
10	97	4.429	4.419	-0.011
10	98	4.420	4.415	-0.005
10	99	4.419	4.374	-0.045
10	100	4.527	4.516	-0.011
15	101	4.564	4.588	0.024
15	102	4.416	4.422	0.005
15	104	4.438	4.433	-0.006
15	105	4.543	4.542	-0.001
15	106	4.477	4.486	0.009
30	83	4.495	4.481	-0.014
30	84	4.487	4.468	-0.020
30	85	4.417	4.350	-0.067
30	86	4.434	4.395	-0.039
30	87	4.432	4.405	-0.027
35	88	4.483	4.464	-0.019
35	92	4.442	4.379	-0.063
35	93	4.433	4.396	-0.037
35	94	4.514	4.485	-0.029
35	95	4.497	4.503	0.007
50	1	4.472	4.423	-0.049
50	2	4.526	4.538	0.012
50	3	4.397	4.341	-0.057
50	5	4.443	4.320	-0.123
50	6	4.543	4.625	0.082
55	7	4.543	4.535	-0.008
55	8	4.524	4.475	-0.049
55	9	4.486	4.513	0.026
55	10	4.550	4.583	0.033
55	11	4.395	4.314	-0.082
100	29	4.581	4.714	0.133
100	30	4.518	4.404	-0.115
100	31	4.468	4.446	-0.021
100	32	4.465	4.378	-0.087
100	34	4.457	4.406	-0.050
100	35	4.371	4.234	-0.138
100	36	4.535	4.421	-0.114
100	38	4.460	4.505	0.044
100	39	4.475	4.436	-0.039
100	41	4.480	4.412	-0.068
100	42	4.510	4.519	0.009
100	43	4.422	4.298	-0.124
100	45	4.528	4.553	0.024
100	46	4.499	4.497	-0.002
100	47	4.478	4.409	-0.069
100	48	4.472	4.451	-0.021
100	49	4.480	4.462	-0.018
100	51	4.527	4.553	0.026
100	54	4.478	4.366	-0.112
100	56	4.508	4.341	-0.166
100	57	4.485	4.432	-0.053
100	58	4.518	4.461	-0.057
100	59	4.529	4.423	-0.106
105	61	4.516	4.406	-0.110
105	62	4.491	4.412	-0.080
105	64	4.472	4.301	-0.171
105	65	4.413	4.155	-0.259
105	66	4.406	4.285	-0.121
	Max	4.581	4.714	0.133
	Average	4.479	4.444	-0.035
	Min	4.371	4.155	-0.259
	Std Dev	0.047	0.090	0.061



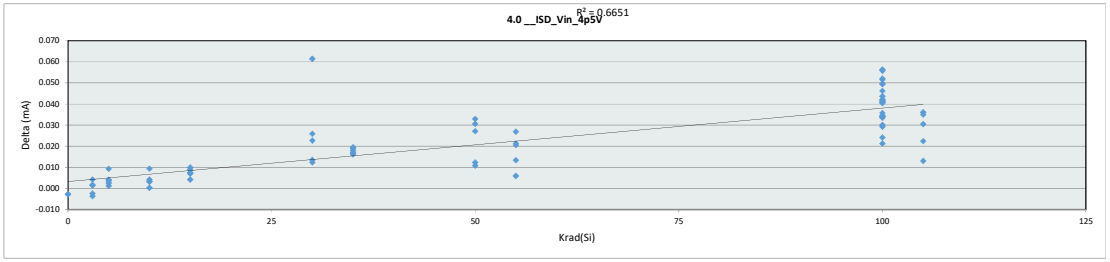
	4.4 __ISD_Vin_9p0V										
Test Site											
Tester											
Test Number											
Max Limit	8	mA									
Min Limit		mA									
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	4.453	4.439	4.406	4.375	4.422	4.350	4.379	4.320	4.314	4.234	4.155
Average	4.506	4.457	4.473	4.451	4.494	4.420	4.446	4.449	4.484	4.440	4.312
Max	4.560	4.472	4.518	4.531	4.588	4.481	4.504	4.625	4.583	4.714	4.412
UL	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000



HDR TID Report
TPS7H2211-SP

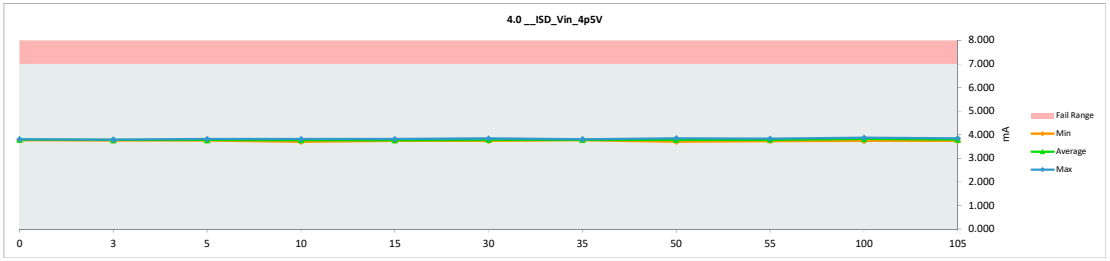
	4.0 __ISD_Vin_4p5V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	7	7
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	3.774	3.771	-0.003
0	229	3.813	3.810	-0.003
3	107	3.771	3.776	0.004
3	108	3.769	3.770	0.001
3	109	3.751	3.749	-0.002
3	110	3.786	3.788	0.002
3	111	3.787	3.783	-0.004
5	112	3.770	3.773	0.003
5	113	3.804	3.813	0.009
5	114	3.755	3.759	0.004
5	115	3.757	3.761	0.004
5	116	3.757	3.758	0.001
10	96	3.814	3.817	0.003
10	97	3.771	3.780	0.009
10	98	3.700	3.704	0.004
10	99	3.760	3.760	0.000
10	100	3.783	3.787	0.003
15	101	3.801	3.810	0.009
15	102	3.732	3.742	0.010
15	104	3.743	3.747	0.004
15	105	3.806	3.813	0.007
15	106	3.729	3.737	0.007
30	83	3.759	3.771	0.012
30	84	3.781	3.807	0.026
30	85	3.778	3.839	0.061
30	86	3.730	3.743	0.013
30	87	3.734	3.757	0.023
35	88	3.787	3.806	0.019
35	92	3.752	3.769	0.017
35	93	3.760	3.776	0.016
35	94	3.766	3.783	0.018
35	95	3.767	3.787	0.019
50	1	3.759	3.789	0.031
50	2	3.812	3.839	0.027
50	3	3.690	3.702	0.012
50	5	3.720	3.731	0.011
50	6	3.815	3.848	0.033
55	7	3.788	3.809	0.020
55	8	3.808	3.835	0.027
55	9	3.740	3.754	0.013
55	10	3.756	3.777	0.021
55	11	3.720	3.725	0.006
100	29	3.821	3.871	0.050
100	30	3.791	3.820	0.029
100	31	3.775	3.816	0.041
100	32	3.739	3.769	0.030
100	34	3.727	3.767	0.040
100	35	3.700	3.735	0.035
100	36	3.798	3.822	0.024
100	38	3.715	3.757	0.042
100	39	3.770	3.827	0.056
100	41	3.754	3.806	0.052
100	42	3.775	3.810	0.034
100	43	3.787	3.828	0.041
100	45	3.780	3.822	0.042
100	46	3.810	3.846	0.036
100	47	3.776	3.832	0.056
100	48	3.725	3.759	0.034
100	49	3.779	3.801	0.021
100	51	3.807	3.856	0.049
100	54	3.787	3.829	0.041
100	56	3.809	3.860	0.051
100	57	3.777	3.811	0.033
100	58	3.809	3.855	0.046
100	59	3.809	3.852	0.044
105	61	3.811	3.841	0.031
105	62	3.761	3.783	0.022
105	64	3.777	3.813	0.036
105	65	3.727	3.763	0.035
105	66	3.731	3.744	0.013
	Max	3.821	3.871	0.061
	Average	3.768	3.791	0.022
	Min	3.690	3.702	-0.004
	Std Dev	0.032	0.039	0.017



	4.0 __ISD_Vin_4p5V	
Test Site		
Tester		
Test Number		
Max Limit	7	mA
Min Limit		mA

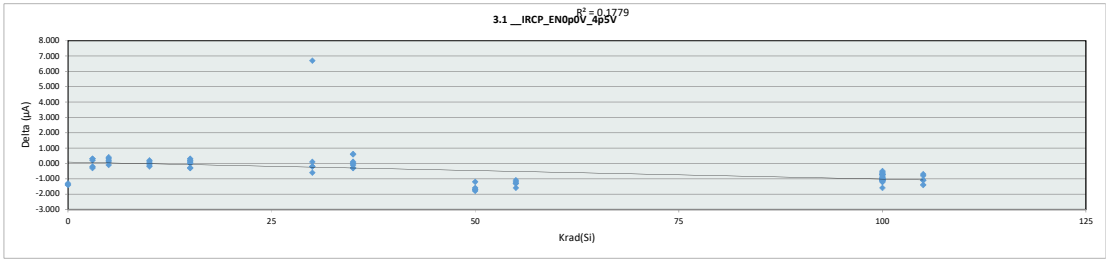
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	3.771	3.749	3.758	3.704	3.737	3.743	3.769	3.702	3.725	3.735	3.744
Average	3.791	3.773	3.773	3.770	3.770	3.784	3.784	3.782	3.780	3.815	3.789
Max	3.810	3.788	3.813	3.817	3.813	3.839	3.806	3.848	3.835	3.871	3.841
UL	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000



HDR TID Report
TPS7H2211-SP

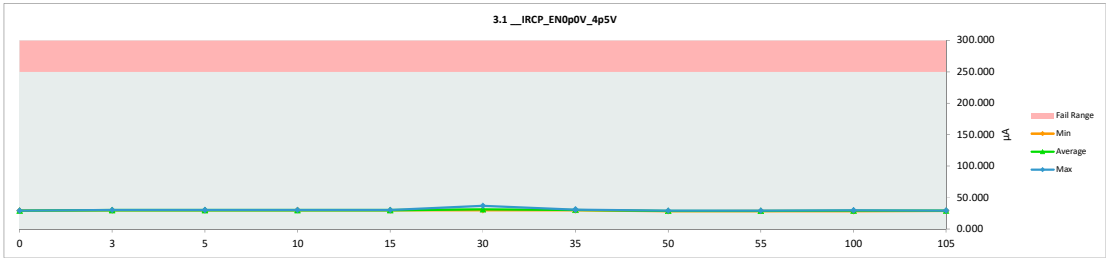
	3.1 __IRCP_EN0p0V_4p5V	
Test Site		
Tester		
Test Number		
Unit	µA	µA
Max Limit	250	250
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	30.400	29.000	-1.400
0	229	30.200	28.900	-1.300
3	107	29.900	30.200	0.300
3	108	30.000	29.700	-0.300
3	109	29.300	29.500	0.200
3	110	30.000	29.800	-0.200
3	111	29.900	30.200	0.300
5	112	29.700	30.000	0.300
5	113	29.600	30.000	0.400
5	114	29.700	29.900	0.200
5	115	29.700	29.800	0.100
5	116	29.800	29.700	-0.100
10	96	30.100	29.900	-0.200
10	97	29.900	30.000	0.100
10	98	29.800	29.800	0.000
10	99	29.700	29.900	0.200
10	100	30.000	29.900	-0.100
15	101	30.000	30.200	0.200
15	102	30.000	29.700	-0.300
15	104	29.800	29.800	0.000
15	105	29.700	30.000	0.300
15	106	29.700	29.800	0.100
30	83	30.300	29.700	-0.600
30	84	30.000	29.800	-0.200
30	85	29.900	36.600	6.700
30	86	29.600	29.700	0.100
30	87	30.100	29.900	-0.200
35	88	30.000	29.700	-0.300
35	92	29.900	29.900	0.000
35	93	30.000	29.900	-0.100
35	94	30.200	30.800	0.600
35	95	30.200	30.300	0.100
50	1	30.400	28.700	-1.700
50	2	30.400	28.700	-1.700
50	3	30.000	28.400	-1.600
50	5	30.000	28.200	-1.800
50	6	30.100	28.900	-1.200
55	7	30.200	28.900	-1.300
55	8	30.300	29.100	-1.200
55	9	29.900	28.600	-1.300
55	10	30.100	29.000	-1.100
55	11	30.000	28.400	-1.600
100	29	30.300	29.300	-1.000
100	30	30.100	29.100	-1.000
100	31	30.200	29.000	-1.200
100	32	29.400	28.900	-0.500
100	34	29.900	28.900	-1.000
100	35	29.800	28.200	-1.600
100	36	30.100	29.300	-0.800
100	38	29.600	28.900	-0.700
100	39	30.000	29.100	-0.900
100	41	29.600	28.900	-0.700
100	42	30.100	29.100	-1.000
100	43	30.100	29.000	-1.100
100	45	30.000	29.000	-1.000
100	46	30.300	29.600	-0.700
100	47	30.100	29.000	-1.100
100	48	30.000	28.900	-1.100
100	49	30.300	29.200	-1.100
100	51	30.100	28.900	-1.200
100	54	30.100	29.400	-0.700
100	56	30.000	29.100	-0.900
100	57	30.100	29.100	-1.000
100	58	29.900	28.900	-1.000
100	59	30.000	29.400	-0.600
105	61	30.100	28.700	-1.400
105	62	30.000	29.200	-0.800
105	64	30.300	29.200	-1.100
105	65	29.800	29.100	-0.700
105	66	30.100	29.000	-1.100
	Max	30.400	36.600	6.700
	Average	29.984	29.461	-0.523
	Min	29.300	28.200	-1.800
	Std Dev	0.230	1.024	1.080



	3.1 __IRCP_EN0p0V_4p5V	
Test Site		
Tester		
Test Number		
Max Limit	250	µA
Min Limit		µA

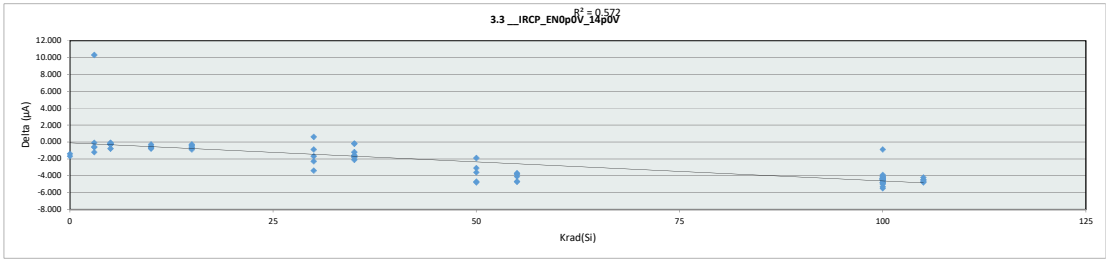
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	28.900	29.500	29.700	29.800	29.700	29.700	29.700	28.200	28.400	28.200	28.700
Average	28.950	29.880	29.880	29.900	29.900	31.140	30.120	28.580	28.800	29.052	29.040
Max	29.000	30.200	30.000	30.000	30.200	36.600	30.800	28.900	29.100	29.600	29.200
UL	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000



HDR TID Report
TPS7H2211-SP

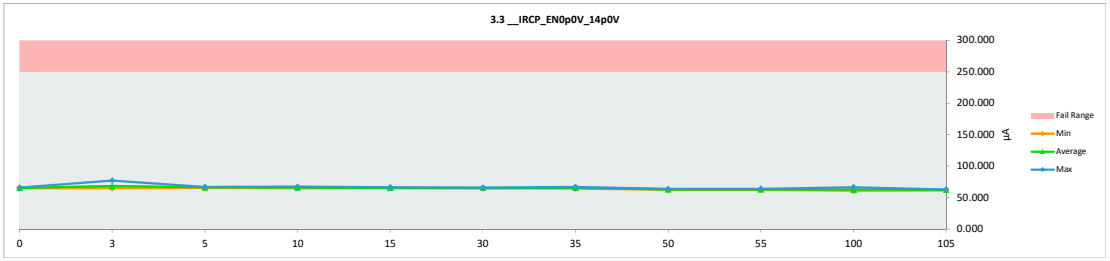
	3.3 __IRCP_EN0p0V_14p0V	
Test Site		
Tester		
Test Number		
Unit	µA	µA
Max Limit	250	250
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	67.300	65.600	-1.700
0	229	66.400	65.000	-1.400
3	107	67.200	67.100	-0.100
3	108	66.200	65.000	-1.200
3	109	65.900	65.300	-0.600
3	110	66.700	77.000	10.300
3	111	66.900	66.300	-0.600
5	112	66.700	66.600	-0.100
5	113	66.700	65.900	-0.800
5	114	67.000	66.800	-0.200
5	115	65.900	65.600	-0.300
5	116	65.600	65.300	-0.300
10	96	66.500	66.200	-0.300
10	97	66.000	65.500	-0.500
10	98	65.400	64.700	-0.700
10	99	66.400	65.700	-0.700
10	100	68.000	67.200	-0.800
15	101	66.700	66.300	-0.400
15	102	65.800	64.900	-0.900
15	104	66.000	65.300	-0.700
15	105	65.900	65.600	-0.300
15	106	65.500	64.900	-0.600
30	83	67.700	64.300	-3.400
30	84	66.600	64.900	-1.700
30	85	66.400	65.500	-0.900
30	86	64.500	65.100	0.600
30	87	68.200	65.900	-2.300
35	88	66.000	64.200	-1.800
35	92	67.200	65.100	-2.100
35	93	67.800	66.200	-1.600
35	94	66.700	66.500	-0.200
35	95	66.600	65.400	-1.200
50	1	67.300	62.600	-4.700
50	2	66.900	63.300	-3.600
50	3	66.900	62.100	-4.800
50	5	65.500	63.600	-1.900
50	6	66.800	63.700	-3.100
55	7	67.200	63.400	-3.800
55	8	67.600	63.900	-3.700
55	9	66.800	62.100	-4.700
55	10	67.800	63.700	-4.100
55	11	66.900	62.200	-4.700
100	29	67.800	63.400	-4.400
100	30	67.300	66.400	-0.900
100	31	66.800	62.000	-4.800
100	32	65.000	60.600	-4.400
100	34	66.400	61.600	-4.800
100	35	65.800	60.800	-5.000
100	36	66.800	62.700	-4.100
100	38	65.900	61.400	-4.500
100	39	68.000	63.100	-4.900
100	41	66.000	61.600	-4.400
100	42	66.300	62.200	-4.100
100	43	68.200	63.900	-4.300
100	45	66.600	62.000	-4.600
100	46	67.700	63.800	-3.900
100	47	66.800	62.400	-4.400
100	48	67.500	62.200	-5.300
100	49	66.900	62.600	-4.300
100	51	66.700	62.500	-4.200
100	54	67.800	63.000	-4.800
100	56	67.500	62.000	-5.500
100	57	66.400	62.100	-4.300
100	58	66.500	62.100	-4.400
100	59	67.000	62.600	-4.400
105	61	67.100	62.600	-4.500
105	62	66.600	61.800	-4.800
105	64	67.300	62.800	-4.500
105	65	66.200	61.500	-4.700
105	66	65.700	61.500	-4.200
	Max	68.200	77.000	10.300
	Average	66.696	64.124	-2.571
	Min	64.500	60.600	-5.500
	Std Dev	0.775	2.360	2.432



	3.3 __IRCP_EN0p0V_14p0V	
Test Site		
Tester		
Test Number		
Max Limit	250	µA
Min Limit		µA

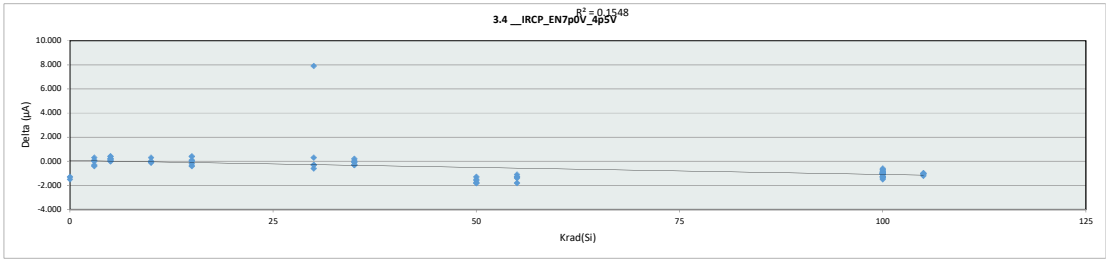
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	65.000	65.000	65.300	64.700	64.900	64.300	64.200	62.100	62.100	60.600	61.500
Average	65.300	68.140	66.040	65.860	65.400	65.140	65.480	63.060	63.060	62.478	62.040
Max	65.600	77.000	66.800	67.200	66.300	65.900	66.500	63.700	63.900	66.400	62.800
UL	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000



HDR TID Report
TPS7H2211-SP

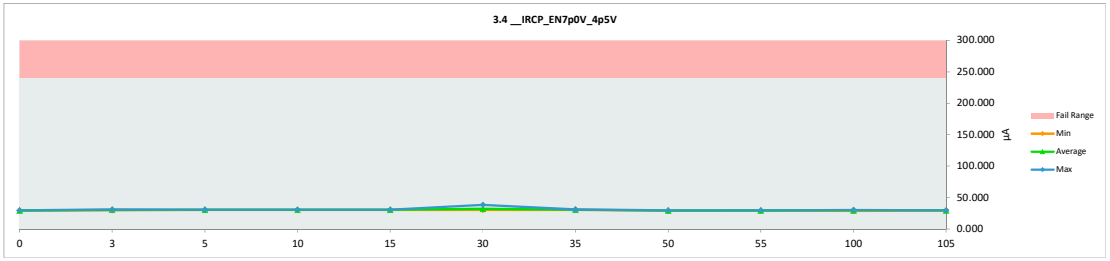
	3.4 __IRCP_EN7p0V_4p5V	
Test Site		
Tester		
Test Number		
Unit	µA	µA
Max Limit	240	240
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	30.900	29.400	-1.500
0	229	30.800	29.500	-1.300
3	107	30.500	30.800	0.300
3	108	30.600	30.200	-0.400
3	109	29.800	29.800	0.000
3	110	30.500	30.200	-0.300
3	111	30.400	30.500	0.100
5	112	30.200	30.400	0.200
5	113	30.200	30.600	0.400
5	114	30.300	30.500	0.200
5	115	30.300	30.300	0.000
5	116	30.200	30.300	0.100
10	96	30.600	30.500	-0.100
10	97	30.300	30.600	0.300
10	98	30.400	30.400	0.000
10	99	30.400	30.300	-0.100
10	100	30.500	30.400	-0.100
15	101	30.600	30.600	0.000
15	102	30.700	30.300	-0.400
15	104	30.400	30.200	-0.200
15	105	30.300	30.700	0.400
15	106	30.300	30.400	0.100
30	83	30.800	30.200	-0.600
30	84	30.700	30.400	-0.300
30	85	30.400	38.300	7.900
30	86	30.100	30.400	0.300
30	87	30.700	30.400	-0.300
35	88	30.600	30.300	-0.300
35	92	30.600	30.300	-0.300
35	93	30.600	30.600	0.000
35	94	30.600	30.800	0.200
35	95	30.800	30.700	-0.100
50	1	31.000	29.400	-1.600
50	2	31.000	29.200	-1.800
50	3	30.700	29.200	-1.500
50	5	30.700	28.900	-1.800
50	6	30.800	29.500	-1.300
55	7	30.900	29.500	-1.400
55	8	30.900	29.600	-1.300
55	9	30.500	29.200	-1.300
55	10	30.700	29.600	-1.100
55	11	30.800	29.000	-1.800
100	29	31.000	29.700	-1.300
100	30	30.700	29.600	-1.100
100	31	30.800	29.500	-1.300
100	32	30.000	29.300	-0.700
100	34	30.500	29.500	-1.000
100	35	30.300	28.800	-1.500
100	36	30.700	29.700	-1.000
100	38	30.200	29.500	-0.700
100	39	30.500	29.500	-1.000
100	41	30.400	29.400	-1.000
100	42	30.700	29.600	-1.100
100	43	30.600	29.700	-0.900
100	45	30.500	29.500	-1.000
100	46	30.800	30.200	-0.600
100	47	30.800	29.700	-1.100
100	48	30.600	29.600	-1.000
100	49	31.000	29.600	-1.400
100	51	30.700	29.400	-1.300
100	54	30.700	29.800	-0.900
100	56	30.600	29.600	-1.000
100	57	30.600	29.800	-0.800
100	58	30.500	29.500	-1.000
100	59	30.700	29.800	-0.900
105	61	30.500	29.500	-1.000
105	62	30.500	29.500	-1.000
105	64	30.700	29.500	-1.200
105	65	30.400	29.300	-1.100
105	66	30.500	29.500	-1.000
	Max	31.000	38.300	7.900
	Average	30.566	30.000	-0.566
	Min	29.800	28.800	-1.800
	Std Dev	0.244	1.130	1.202



	3.4 __IRCP_EN7p0V_4p5V	
Test Site		
Tester		
Test Number		
Max Limit	240	µA
Min Limit		µA

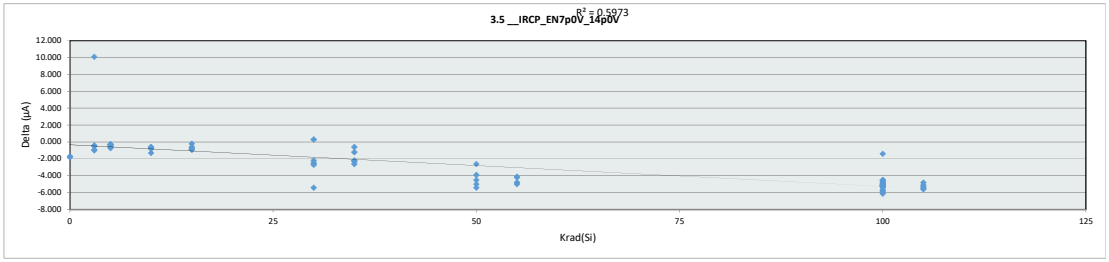
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	29.400	29.800	30.300	30.300	30.200	30.200	30.300	28.900	29.000	28.800	29.300
Average	29.450	30.300	30.420	30.440	30.440	31.940	30.540	29.240	29.380	29.578	29.460
Max	29.500	30.800	30.600	30.600	30.700	38.300	30.800	29.500	29.600	30.200	29.500
UL	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000



HDR TID Report
TPS7H2211-SP

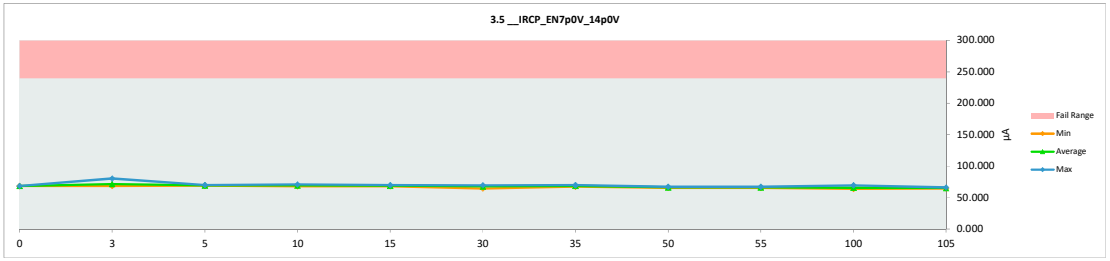
	3.5 __IRCP_EN7p0V_14p0V	
Test Site		
Tester		
Test Number		
Unit	µA	µA
Max Limit	240	240
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	70.200	68.500	-1.700
0	229	70.000	68.200	-1.800
3	107	70.800	70.300	-0.500
3	108	69.500	68.500	-1.000
3	109	69.600	68.700	-0.900
3	110	70.200	80.300	10.100
3	111	70.000	69.600	-0.400
5	112	70.100	69.800	-0.300
5	113	69.800	69.500	-0.300
5	114	70.600	70.000	-0.600
5	115	69.500	68.800	-0.700
5	116	69.000	68.700	-0.300
10	96	70.300	69.700	-0.600
10	97	69.700	68.900	-0.800
10	98	69.100	67.800	-1.300
10	99	69.700	69.000	-0.700
10	100	71.400	70.800	-0.600
15	101	70.500	69.600	-0.900
15	102	69.300	68.400	-0.900
15	104	69.300	68.700	-0.600
15	105	69.400	69.200	-0.200
15	106	68.600	67.900	-0.700
30	83	70.700	68.000	-2.700
30	84	70.400	68.200	-2.200
30	85	69.800	64.400	-5.400
30	86	68.300	68.600	0.300
30	87	71.900	69.400	-2.500
35	88	69.600	67.300	-2.300
35	92	71.200	68.600	-2.600
35	93	71.200	69.000	-2.200
35	94	70.200	69.600	-0.600
35	95	70.200	69.000	-1.200
50	1	71.100	65.700	-5.400
50	2	70.900	66.400	-4.500
50	3	70.500	65.500	-5.000
50	5	69.600	67.000	-2.600
50	6	70.700	66.800	-3.900
55	7	70.700	66.500	-4.200
55	8	71.100	67.000	-4.100
55	9	70.400	65.400	-5.000
55	10	71.800	67.000	-4.800
55	11	70.400	65.600	-4.800
100	29	71.600	66.400	-5.200
100	30	70.800	69.400	-1.400
100	31	70.800	64.900	-5.900
100	32	69.000	63.800	-5.200
100	34	69.900	64.600	-5.300
100	35	69.700	64.000	-5.700
100	36	70.300	65.500	-4.800
100	38	69.500	64.500	-5.000
100	39	71.500	66.400	-5.100
100	41	69.500	64.400	-5.100
100	42	69.700	65.200	-4.500
100	43	72.000	67.200	-4.800
100	45	69.900	65.300	-4.600
100	46	71.400	66.800	-4.600
100	47	70.300	65.300	-5.000
100	48	71.200	65.500	-5.700
100	49	70.800	65.900	-4.900
100	51	70.400	65.300	-5.100
100	54	71.500	65.400	-6.100
100	56	70.700	65.300	-5.400
100	57	69.700	65.200	-4.500
100	58	70.300	65.100	-5.200
100	59	70.700	65.500	-5.200
105	61	71.100	65.800	-5.300
105	62	70.500	64.900	-5.600
105	64	70.800	66.000	-4.800
105	65	69.900	64.400	-5.500
105	66	69.600	64.500	-5.100
	Max	72.000	80.300	10.100
	Average	70.291	67.263	-3.029
	Min	68.300	63.800	-6.100
	Std Dev	0.797	2.467	2.604



	3.5 __IRCP_EN7p0V_14p0V	
Test Site		
Tester		
Test Number		
Max Limit	240	µA
Min Limit		µA

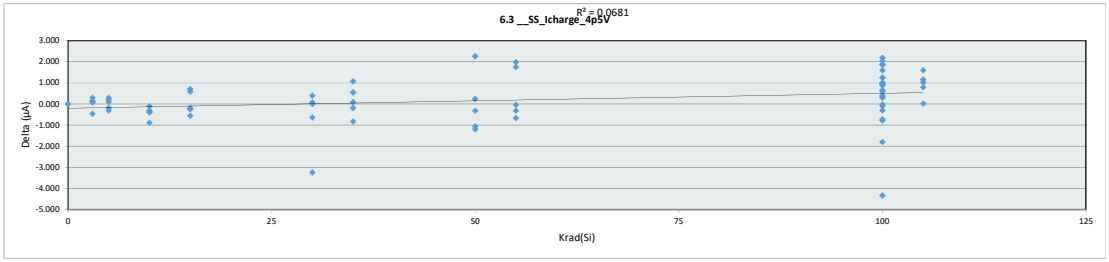
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	68.200	68.500	68.700	67.800	67.900	64.400	67.300	65.500	65.400	63.800	64.400
Average	68.350	71.480	69.360	69.240	68.760	67.720	68.700	66.280	66.300	65.517	65.120
Max	68.500	80.300	70.000	70.800	69.600	69.400	69.600	67.000	67.000	69.400	66.000
UL	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000



HDR TID Report
TPS7H2211-SP

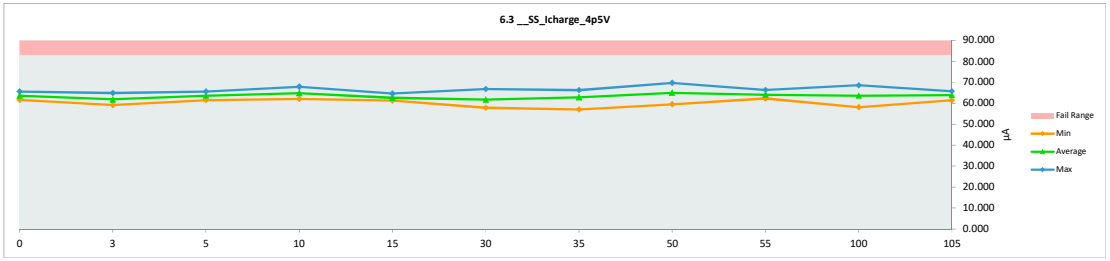
	6.3 __SS_Icharge_4p5V	
Test Site		
Tester		
Test Number		
Unit	µA	µA
Max Limit	83	83
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	61.566	61.573	0.007
0	229	65.604	65.598	-0.006
3	107	61.360	61.497	0.137
3	108	64.839	64.906	0.067
3	109	60.973	61.268	0.295
3	110	62.448	62.581	0.133
3	111	59.602	59.137	-0.465
5	112	62.902	62.719	-0.183
5	113	64.994	65.289	0.295
5	114	62.419	62.625	0.206
5	115	61.810	61.496	-0.314
5	116	65.528	65.632	0.104
10	96	64.494	64.181	-0.313
10	97	66.272	66.158	-0.114
10	98	62.442	62.086	-0.356
10	99	64.699	63.812	-0.887
10	100	68.310	67.921	-0.389
15	101	61.936	61.378	-0.558
15	102	62.057	61.861	-0.196
15	104	63.890	64.601	0.711
15	105	64.124	63.876	-0.248
15	106	60.754	61.338	0.584
30	83	66.372	66.763	0.391
30	84	61.589	61.590	0.001
30	85	61.111	57.863	-3.248
30	86	61.027	60.388	-0.639
30	87	62.224	62.293	0.069
35	88	61.556	62.631	1.075
35	92	56.446	56.996	0.550
35	93	62.876	62.961	0.085
35	94	66.443	66.262	-0.181
35	95	66.127	65.295	-0.832
50	1	64.850	63.646	-1.204
50	2	69.196	69.437	0.241
50	3	63.115	62.795	-0.320
50	5	60.559	59.492	-1.067
50	6	67.495	69.761	2.266
55	7	62.453	64.435	1.982
55	8	64.921	64.598	-0.323
55	9	66.348	66.306	-0.042
55	10	60.547	62.293	1.746
55	11	63.665	62.992	-0.673
100	29	66.634	67.641	1.007
100	30	62.582	62.272	-0.310
100	31	63.751	64.043	0.292
100	32	65.422	63.621	-1.801
100	34	63.611	62.886	-0.725
100	35	60.899	60.866	-0.033
100	36	65.928	65.146	-0.782
100	38	61.303	61.890	0.587
100	39	59.228	60.110	0.882
100	41	63.424	63.763	0.339
100	42	62.853	62.755	-0.098
100	43	65.111	66.057	0.946
100	45	64.861	66.104	1.243
100	46	66.440	68.290	1.850
100	47	61.683	62.678	0.995
100	48	56.259	58.142	1.883
100	49	68.274	63.937	-4.337
100	51	60.098	62.138	2.040
100	54	66.398	68.580	2.182
100	56	60.404	61.328	0.924
100	57	60.568	62.164	1.596
100	58	64.797	65.213	0.416
100	59	62.034	62.686	0.652
105	61	59.822	61.423	1.601
105	62	64.330	64.348	0.018
105	64	63.974	65.129	1.155
105	65	64.706	65.732	1.026
105	66	62.177	62.973	0.796
	Max	69.196	69.761	2.266
	Average	63.279	63.461	0.182
	Min	56.259	56.996	-4.337
	Std Dev	2.602	2.606	1.103



	6.3 __SS_Icharge_4p5V	
Test Site		
Tester		
Test Number		
Max Limit	83	µA
Min Limit		µA

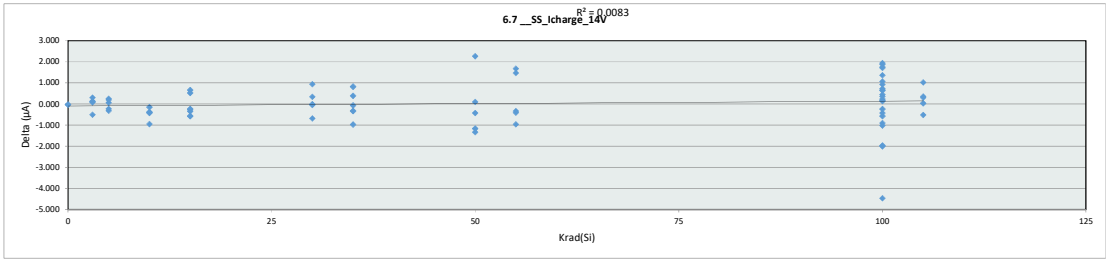
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	61.573	59.137	61.496	62.086	61.338	57.863	56.996	59.492	62.293	58.142	61.423
Average	63.586	61.878	63.552	64.832	62.611	61.779	62.829	65.026	64.125	63.579	63.921
Max	65.598	64.906	65.632	67.921	64.601	66.763	66.262	69.761	66.306	68.580	65.732
UL	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000



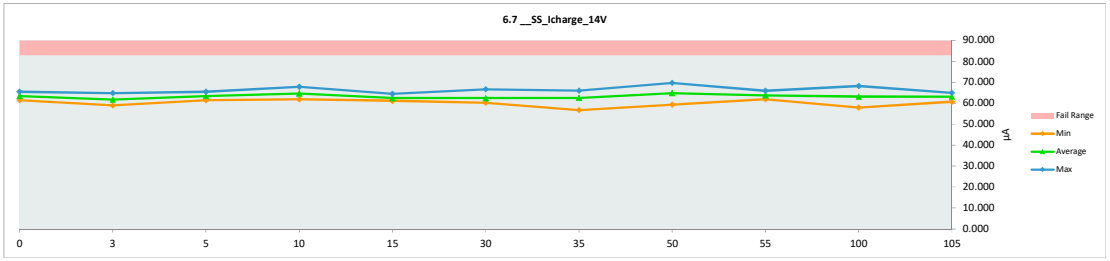
HDR TID Report
TPS7H2211-SP

	6.7 __SS_Icharge_14V	
Test Site		
Tester		
Test Number		
Unit	µA	µA
Max Limit	83	83
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	61.488	61.460	-0.028
0	229	65.544	65.522	-0.022
3	107	61.297	61.407	0.110
3	108	64.744	64.818	0.074
3	109	60.869	61.168	0.299
3	110	62.366	62.495	0.129
3	111	59.504	58.999	-0.505
5	112	62.822	62.595	-0.227
5	113	64.867	65.115	0.248
5	114	62.358	62.555	0.197
5	115	61.713	61.393	-0.320
5	116	65.453	65.512	0.059
10	96	64.421	64.039	-0.382
10	97	66.171	66.023	-0.148
10	98	62.361	61.934	-0.427
10	99	64.572	63.621	-0.951
10	100	68.235	67.842	-0.393
15	101	61.897	61.324	-0.573
15	102	61.967	61.729	-0.238
15	104	63.792	64.454	0.662
15	105	64.064	63.721	-0.343
15	106	60.702	61.226	0.524
30	83	66.328	66.671	0.343
30	84	61.526	61.480	-0.046
30	85	61.012	61.950	0.938
30	86	60.943	60.257	-0.686
30	87	62.137	62.123	-0.014
35	88	61.478	62.303	0.825
35	92	56.359	56.743	0.384
35	93	62.773	62.701	-0.072
35	94	66.358	66.027	-0.331
35	95	66.012	65.041	-0.971
50	1	64.771	63.433	-1.338
50	2	69.090	69.189	0.099
50	3	63.034	62.606	-0.428
50	5	60.455	59.291	-1.164
50	6	67.432	69.694	2.262
55	7	62.376	64.052	1.676
55	8	64.835	64.425	-0.410
55	9	66.286	65.949	-0.337
55	10	60.471	61.940	1.469
55	11	63.549	62.582	-0.967
100	29	66.585	67.509	0.924
100	30	62.499	61.924	-0.575
100	31	63.664	63.800	0.136
100	32	65.346	63.339	-2.007
100	34	63.552	62.649	-0.903
100	35	60.790	60.359	-0.431
100	36	65.834	64.812	-1.022
100	38	61.222	61.667	0.445
100	39	59.159	59.822	0.663
100	41	63.342	63.581	0.239
100	42	62.782	62.540	-0.242
100	43	64.995	63.026	-1.969
100	45	64.776	65.846	1.070
100	46	66.333	68.042	1.709
100	47	61.606	62.330	0.724
100	48	56.198	57.946	1.748
100	49	68.168	63.701	-4.467
100	51	60.036	61.914	1.878
100	54	66.309	68.246	1.937
100	56	60.333	60.967	0.634
100	57	60.492	61.858	1.366
100	58	64.693	64.868	0.175
100	59	61.953	62.313	0.360
105	61	59.747	60.775	1.028
105	62	64.237	63.714	-0.523
105	64	63.881	63.916	0.035
105	65	64.591	64.945	0.354
105	66	62.063	62.365	0.302
Max		69.090	69.694	2.262
Average		63.195	63.231	0.037
Min		56.198	56.743	-4.467
Std Dev		2.599	2.502	1.021



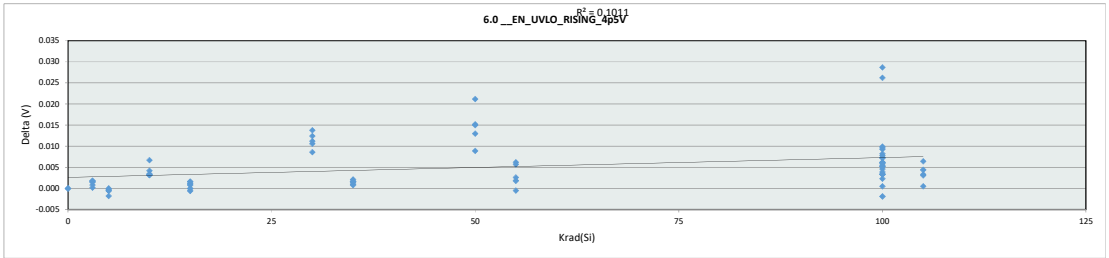
	6.7 __SS_Icharge_14V										
Test Site											
Tester											
Test Number											
Max Limit	83	µA									
Min Limit		µA									
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	61.460	58.999	61.393	61.934	61.226	60.257	56.743	59.291	61.940	57.946	60.775
Average	63.491	61.777	63.434	64.692	62.491	62.496	62.563	64.843	63.790	63.176	63.143
Max	65.522	64.818	65.512	67.842	64.454	66.671	66.027	69.694	65.949	68.246	64.945
UL	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000



HDR TID Report
TPS7H2211-SP

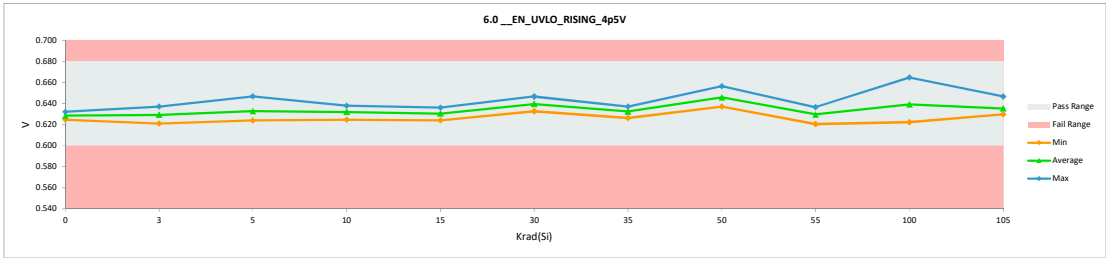
	6.0 __EN_UVLO_RISING_4p5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.68	0.68
Min Limit	0.6	0.6

Krad(Si)	Serial #	PRE	POST	Delta
0	227	0.625	0.625	0.000
0	229	0.632	0.632	0.000
3	107	0.621	0.623	0.002
3	108	0.634	0.636	0.002
3	109	0.636	0.637	0.001
3	110	0.621	0.621	0.000
3	111	0.629	0.630	0.002
5	112	0.634	0.634	0.000
5	113	0.627	0.625	-0.002
5	114	0.624	0.624	0.000
5	115	0.634	0.634	0.000
5	116	0.647	0.647	-0.001
10	96	0.627	0.631	0.003
10	97	0.622	0.625	0.003
10	98	0.634	0.638	0.004
10	99	0.630	0.636	0.007
10	100	0.627	0.630	0.003
15	101	0.625	0.626	0.001
15	102	0.625	0.624	-0.001
15	104	0.634	0.635	0.001
15	105	0.635	0.636	0.002
15	106	0.631	0.631	0.000
30	83	0.626	0.635	0.009
30	84	0.622	0.633	0.011
30	85	0.631	0.641	0.011
30	86	0.633	0.647	0.014
30	87	0.630	0.643	0.012
35	88	0.635	0.635	0.001
35	92	0.636	0.637	0.001
35	93	0.634	0.636	0.002
35	94	0.626	0.627	0.002
35	95	0.624	0.626	0.002
50	1	0.624	0.637	0.013
50	2	0.630	0.645	0.015
50	3	0.635	0.650	0.015
50	5	0.635	0.656	0.021
50	6	0.632	0.641	0.009
55	7	0.632	0.634	0.002
55	8	0.631	0.637	0.006
55	9	0.618	0.621	0.003
55	10	0.621	0.621	0.000
55	11	0.630	0.637	0.006
100	29	0.619	0.622	0.003
100	30	0.638	0.648	0.010
100	31	0.631	0.640	0.009
100	32	0.634	0.644	0.010
100	34	0.623	0.632	0.008
100	35	0.634	0.663	0.029
100	36	0.635	0.641	0.006
100	38	0.625	0.631	0.005
100	39	0.638	0.645	0.007
100	41	0.628	0.636	0.008
100	42	0.631	0.636	0.005
100	43	0.639	0.665	0.026
100	45	0.627	0.631	0.004
100	46	0.641	0.647	0.006
100	47	0.631	0.633	0.002
100	48	0.635	0.633	-0.002
100	49	0.627	0.631	0.003
100	51	0.627	0.632	0.005
100	54	0.635	0.641	0.006
100	56	0.632	0.638	0.006
100	57	0.631	0.634	0.003
100	58	0.634	0.635	0.001
100	59	0.638	0.645	0.007
105	61	0.630	0.633	0.003
105	62	0.630	0.633	0.003
105	64	0.642	0.647	0.004
105	65	0.629	0.630	0.001
105	66	0.628	0.634	0.006
	Max	0.647	0.665	0.029
	Average	0.630	0.636	0.005
	Min	0.618	0.621	-0.002
	Std Dev	0.006	0.009	0.006



	6.0 __EN_UVLO_RISING_4p5V	
Test Site		
Tester		
Test Number		
Max Limit	0.68	V
Min Limit	0.6	V

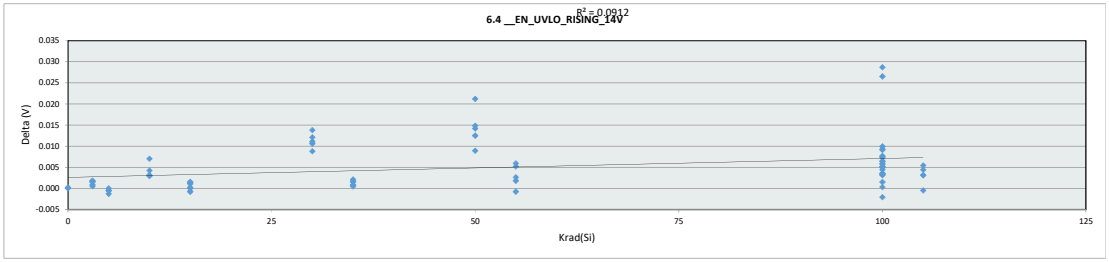
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600
Min	0.625	0.621	0.624	0.625	0.624	0.633	0.626	0.637	0.621	0.622	0.630
Average	0.628	0.629	0.633	0.632	0.630	0.640	0.632	0.646	0.630	0.639	0.635
Max	0.632	0.637	0.647	0.638	0.636	0.647	0.637	0.657	0.637	0.665	0.647
UL	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680



HDR TID Report
TPS7H2211-SP

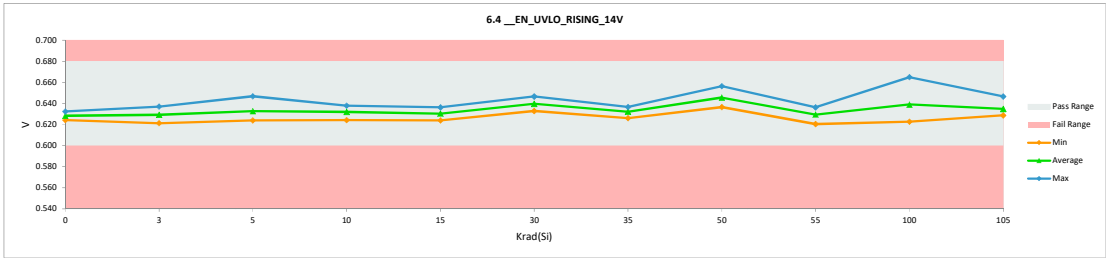
	6.4 __EN_UVLO_RISING_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.68	0.68
Min Limit	0.6	0.6

Krad(Si)	Serial #	PRE	POST	Delta
0	227	0.624	0.624	0.000
0	229	0.632	0.632	0.000
3	107	0.621	0.623	0.002
3	108	0.634	0.635	0.002
3	109	0.636	0.637	0.001
3	110	0.621	0.621	0.000
3	111	0.628	0.630	0.002
5	112	0.634	0.634	0.000
5	113	0.627	0.625	-0.001
5	114	0.624	0.624	-0.001
5	115	0.634	0.634	0.000
5	116	0.647	0.647	-0.001
10	96	0.628	0.631	0.003
10	97	0.622	0.624	0.003
10	98	0.634	0.638	0.004
10	99	0.629	0.636	0.007
10	100	0.627	0.631	0.003
15	101	0.626	0.626	0.000
15	102	0.625	0.624	-0.001
15	104	0.634	0.635	0.001
15	105	0.635	0.636	0.002
15	106	0.631	0.631	0.000
30	83	0.627	0.635	0.009
30	84	0.622	0.633	0.011
30	85	0.631	0.641	0.011
30	86	0.633	0.647	0.014
30	87	0.630	0.642	0.012
35	88	0.635	0.635	0.001
35	92	0.636	0.637	0.001
35	93	0.634	0.636	0.002
35	94	0.626	0.627	0.002
35	95	0.624	0.626	0.002
50	1	0.624	0.637	0.012
50	2	0.631	0.645	0.015
50	3	0.635	0.650	0.014
50	5	0.635	0.656	0.021
50	6	0.632	0.641	0.009
55	7	0.632	0.634	0.002
55	8	0.631	0.636	0.005
55	9	0.618	0.621	0.003
55	10	0.621	0.621	-0.001
55	11	0.630	0.636	0.006
100	29	0.619	0.623	0.004
100	30	0.638	0.648	0.010
100	31	0.631	0.640	0.009
100	32	0.634	0.643	0.009
100	34	0.624	0.632	0.008
100	35	0.634	0.663	0.029
100	36	0.635	0.641	0.006
100	38	0.625	0.631	0.005
100	39	0.638	0.645	0.007
100	41	0.628	0.636	0.007
100	42	0.631	0.635	0.004
100	43	0.639	0.665	0.026
100	45	0.627	0.631	0.003
100	46	0.641	0.647	0.007
100	47	0.631	0.632	0.001
100	48	0.635	0.633	-0.002
100	49	0.627	0.631	0.003
100	51	0.627	0.632	0.005
100	54	0.635	0.640	0.006
100	56	0.632	0.637	0.005
100	57	0.631	0.634	0.003
100	58	0.634	0.635	0.000
100	59	0.638	0.644	0.006
105	61	0.630	0.633	0.003
105	62	0.630	0.633	0.003
105	64	0.642	0.647	0.004
105	65	0.629	0.629	-0.001
105	66	0.628	0.633	0.005
Max		0.647	0.665	0.029
Average		0.630	0.636	0.005
Min		0.618	0.621	-0.002
Std Dev		0.006	0.009	0.006



	6.4 __EN_UVLO_RISING_14V	
Test Site		
Tester		
Test Number		
Max Limit	0.68	V
Min Limit	0.6	V

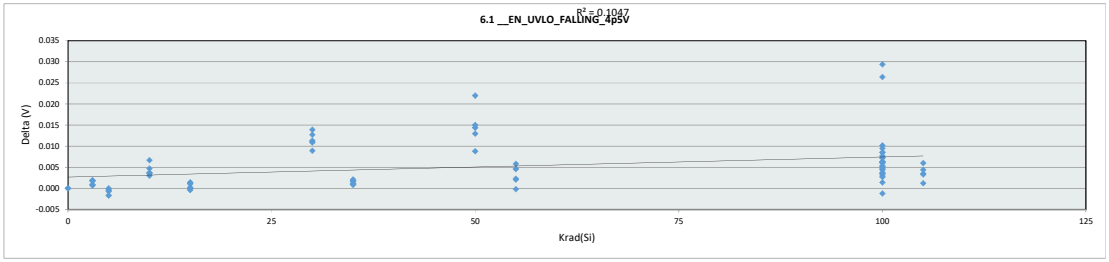
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600
Min	0.624	0.621	0.624	0.624	0.624	0.633	0.626	0.637	0.621	0.623	0.629
Average	0.628	0.629	0.633	0.632	0.630	0.640	0.632	0.646	0.630	0.639	0.635
Max	0.632	0.637	0.647	0.638	0.636	0.647	0.637	0.657	0.636	0.665	0.647
UL	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680



HDR TID Report
TPS7H2211-SP

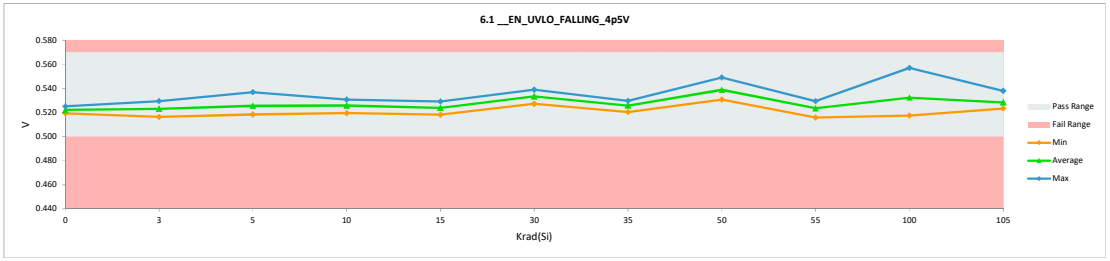
	6.1 __EN_UVLO_FALLING_4p5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.57	0.57
Min Limit	0.5	0.5

Krad(Si)	Serial #	PRE	POST	Delta
0	227	0.519	0.519	0.000
0	229	0.525	0.525	0.000
3	107	0.516	0.518	0.002
3	108	0.526	0.528	0.002
3	109	0.529	0.530	0.001
3	110	0.516	0.516	0.001
3	111	0.522	0.524	0.002
5	112	0.526	0.526	0.000
5	113	0.521	0.520	-0.002
5	114	0.519	0.518	0.000
5	115	0.528	0.527	-0.001
5	116	0.537	0.537	-0.001
10	96	0.521	0.525	0.004
10	97	0.516	0.520	0.003
10	98	0.526	0.531	0.005
10	99	0.523	0.530	0.007
10	100	0.521	0.524	0.003
15	101	0.519	0.520	0.000
15	102	0.519	0.518	0.000
15	104	0.527	0.528	0.001
15	105	0.528	0.529	0.001
15	106	0.525	0.525	0.000
30	83	0.520	0.529	0.009
30	84	0.516	0.527	0.011
30	85	0.524	0.535	0.011
30	86	0.525	0.539	0.014
30	87	0.523	0.536	0.013
35	88	0.527	0.528	0.001
35	92	0.529	0.530	0.001
35	93	0.527	0.529	0.002
35	94	0.520	0.521	0.002
35	95	0.518	0.521	0.002
50	1	0.518	0.531	0.013
50	2	0.524	0.538	0.014
50	3	0.528	0.543	0.015
50	5	0.527	0.549	0.022
50	6	0.525	0.534	0.009
55	7	0.525	0.527	0.002
55	8	0.525	0.530	0.005
55	9	0.513	0.516	0.002
55	10	0.516	0.516	0.000
55	11	0.524	0.530	0.006
100	29	0.514	0.517	0.003
100	30	0.530	0.541	0.010
100	31	0.524	0.533	0.009
100	32	0.527	0.536	0.009
100	34	0.518	0.526	0.009
100	35	0.526	0.556	0.029
100	36	0.527	0.534	0.006
100	38	0.520	0.525	0.005
100	39	0.530	0.537	0.008
100	41	0.522	0.529	0.007
100	42	0.524	0.529	0.005
100	43	0.531	0.557	0.026
100	45	0.521	0.524	0.004
100	46	0.533	0.539	0.006
100	47	0.524	0.527	0.003
100	48	0.527	0.526	-0.001
100	49	0.521	0.525	0.004
100	51	0.521	0.526	0.005
100	54	0.527	0.534	0.006
100	56	0.525	0.531	0.006
100	57	0.524	0.527	0.003
100	58	0.527	0.528	0.001
100	59	0.530	0.537	0.007
105	61	0.523	0.526	0.003
105	62	0.523	0.526	0.003
105	64	0.534	0.538	0.004
105	65	0.522	0.523	0.001
105	66	0.522	0.528	0.006
	Max	0.537	0.557	0.029
	Average	0.524	0.529	0.005
	Min	0.513	0.516	-0.002
	Std Dev	0.005	0.008	0.006



	6.1 __EN_UVLO_FALLING_4p5	
Test Site		
Tester		
Test Number		
Max Limit	0.57	V
Min Limit	0.5	V

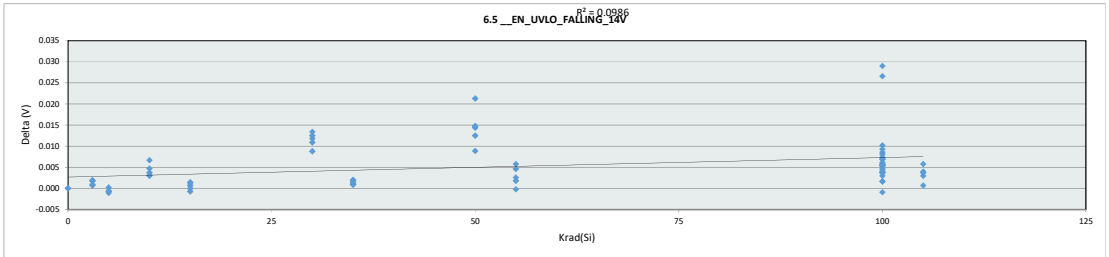
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	0.519	0.516	0.518	0.520	0.518	0.527	0.521	0.531	0.516	0.518	0.523
Average	0.522	0.523	0.526	0.526	0.524	0.533	0.526	0.539	0.524	0.532	0.528
Max	0.525	0.530	0.537	0.531	0.529	0.539	0.530	0.549	0.530	0.557	0.538
UL	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570



HDR TID Report
TPS7H2211-SP

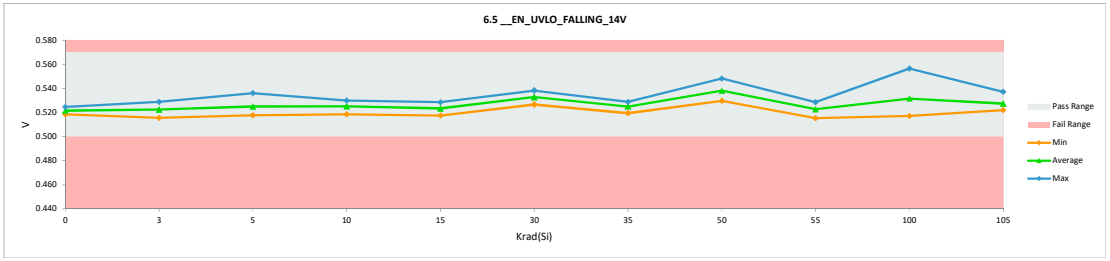
	6.5 __EN_UVLO_FALLING_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.57	0.57
Min Limit	0.5	0.5

Krad(Si)	Serial #	PRE	POST	Delta
0	227	0.519	0.519	0.000
0	229	0.525	0.525	0.000
3	107	0.516	0.517	0.002
3	108	0.525	0.527	0.002
3	109	0.528	0.529	0.001
3	110	0.515	0.516	0.001
3	111	0.521	0.523	0.002
5	112	0.526	0.526	0.000
5	113	0.520	0.519	-0.001
5	114	0.518	0.518	0.000
5	115	0.527	0.526	-0.001
5	116	0.537	0.536	-0.001
10	96	0.521	0.524	0.004
10	97	0.516	0.519	0.003
10	98	0.525	0.530	0.005
10	99	0.523	0.530	0.007
10	100	0.520	0.523	0.003
15	101	0.519	0.519	0.001
15	102	0.518	0.517	-0.001
15	104	0.526	0.528	0.001
15	105	0.527	0.529	0.001
15	106	0.524	0.524	0.000
30	83	0.520	0.529	0.009
30	84	0.516	0.527	0.011
30	85	0.523	0.535	0.012
30	86	0.525	0.538	0.013
30	87	0.523	0.535	0.012
35	88	0.527	0.528	0.001
35	92	0.528	0.529	0.001
35	93	0.526	0.528	0.002
35	94	0.519	0.521	0.001
35	95	0.517	0.520	0.002
50	1	0.517	0.530	0.012
50	2	0.523	0.537	0.014
50	3	0.527	0.542	0.015
50	5	0.527	0.548	0.021
50	6	0.525	0.534	0.009
55	7	0.524	0.526	0.002
55	8	0.524	0.529	0.005
55	9	0.513	0.515	0.003
55	10	0.516	0.516	0.000
55	11	0.523	0.529	0.006
100	29	0.513	0.517	0.004
100	30	0.530	0.540	0.010
100	31	0.524	0.532	0.008
100	32	0.526	0.535	0.009
100	34	0.517	0.526	0.009
100	35	0.526	0.555	0.029
100	36	0.527	0.533	0.006
100	38	0.519	0.525	0.006
100	39	0.530	0.536	0.007
100	41	0.521	0.529	0.007
100	42	0.523	0.528	0.005
100	43	0.530	0.557	0.027
100	45	0.520	0.524	0.004
100	46	0.532	0.538	0.006
100	47	0.524	0.525	0.002
100	48	0.527	0.526	-0.001
100	49	0.521	0.525	0.004
100	51	0.521	0.526	0.005
100	54	0.527	0.532	0.006
100	56	0.524	0.530	0.005
100	57	0.523	0.526	0.003
100	58	0.526	0.528	0.002
100	59	0.529	0.536	0.007
105	61	0.522	0.525	0.003
105	62	0.522	0.526	0.004
105	64	0.533	0.537	0.004
105	65	0.521	0.522	0.001
105	66	0.521	0.527	0.006
	Max	0.537	0.557	0.029
	Average	0.523	0.528	0.005
	Min	0.513	0.515	-0.001
	Std Dev	0.005	0.008	0.006



	6.5 __EN_UVLO_FALLING_14V	
Test Site		
Tester		
Test Number		
Max Limit	0.57	V
Min Limit	0.5	V

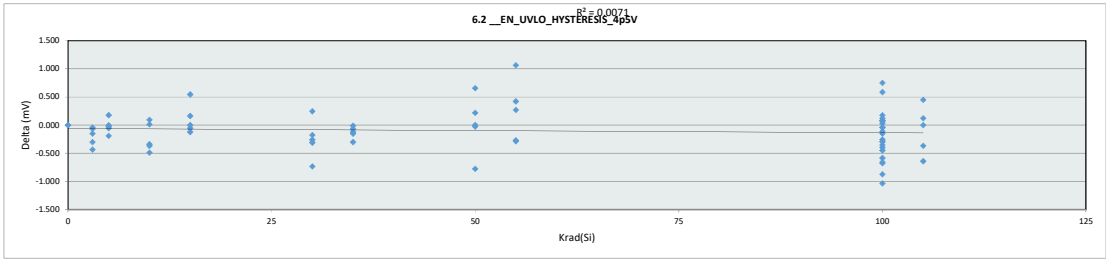
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	0.519	0.516	0.518	0.519	0.518	0.527	0.520	0.530	0.515	0.517	0.522
Average	0.522	0.522	0.525	0.525	0.523	0.533	0.525	0.538	0.523	0.532	0.527
Max	0.525	0.529	0.536	0.530	0.529	0.538	0.529	0.548	0.529	0.557	0.537
UL	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570



HDR TID Report
TPS7H2211-SP

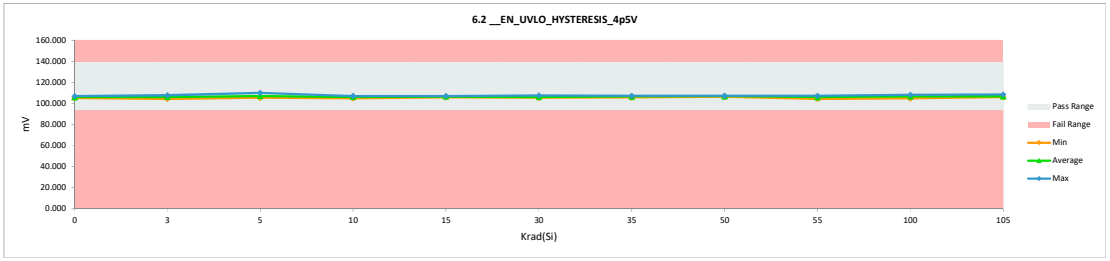
	6.2 __EN_UVLO_HYSTERESIS_4p5V	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	139	139
Min Limit	94	94

Krad(Si)	Serial #	PRE	POST	Delta
0	227	105.338	105.338	0.000
0	229	107.056	107.056	0.000
3	107	104.465	104.424	-0.041
3	108	107.943	107.875	-0.068
3	109	107.725	107.576	-0.149
3	110	105.160	104.724	-0.436
3	111	106.702	106.401	-0.301
5	112	107.711	107.711	0.000
5	113	106.074	105.883	-0.191
5	114	105.514	105.487	-0.027
5	115	106.579	106.757	0.178
5	116	110.059	110.004	-0.055
10	96	106.333	105.993	-0.340
10	97	105.010	105.106	0.096
10	98	107.684	107.194	-0.490
10	99	106.320	106.334	0.014
10	100	106.770	106.401	-0.369
15	101	105.597	106.142	0.545
15	102	106.033	105.978	-0.055
15	104	107.275	107.153	-0.122
15	105	106.838	107.002	0.164
15	106	106.225	106.225	0.000
30	83	105.706	105.447	-0.259
30	84	105.242	105.489	0.247
30	85	106.660	105.926	-0.734
30	86	107.834	107.658	-0.176
30	87	107.097	106.786	-0.311
35	88	107.302	107.153	-0.149
35	92	107.466	107.344	-0.122
35	93	107.275	106.975	-0.300
35	94	106.401	106.333	-0.068
35	95	105.746	105.733	-0.013
50	1	106.442	106.417	-0.025
50	2	106.633	107.290	0.657
50	3	107.098	107.318	0.220
50	5	108.080	107.305	-0.775
50	6	106.770	106.771	0.001
55	7	107.520	107.248	-0.272
55	8	105.993	107.057	1.064
55	9	104.396	104.668	0.272
55	10	104.751	104.465	-0.286
55	11	106.633	107.057	0.424
100	29	104.969	104.860	-0.109
100	30	107.684	107.331	-0.353
100	31	106.920	107.671	0.751
100	32	107.507	107.590	0.083
100	34	105.665	105.379	-0.286
100	35	107.711	107.033	-0.678
100	36	107.562	107.522	-0.040
100	38	105.419	105.270	-0.149
100	39	108.380	107.986	-0.394
100	41	106.156	106.743	0.587
100	42	106.920	106.948	0.028
100	43	107.971	107.715	-0.256
100	45	106.252	106.429	0.177
100	46	108.476	108.177	-0.299
100	47	106.660	106.212	-0.448
100	48	107.562	106.907	-0.655
100	49	106.565	105.530	-1.035
100	51	106.074	106.156	0.082
100	54	107.302	107.262	-0.040
100	56	107.547	106.962	-0.585
100	57	106.920	107.043	0.123
100	58	107.248	106.375	-0.873
100	59	108.121	108.190	0.069
105	61	106.552	106.675	0.123
105	62	107.043	106.675	-0.368
105	64	108.585	108.585	0.000
105	65	107.220	106.579	-0.641
105	66	105.665	106.116	0.451
	Max	110.059	110.004	1.064
	Average	106.744	106.645	-0.100
	Min	104.396	104.424	-1.035
	Std Dev	1.066	1.029	0.374



	6.2 __EN_UVLO_HYSTERESIS_	
Test Site		
Tester		
Test Number		
Max Limit	139	mV
Min Limit	94	mV

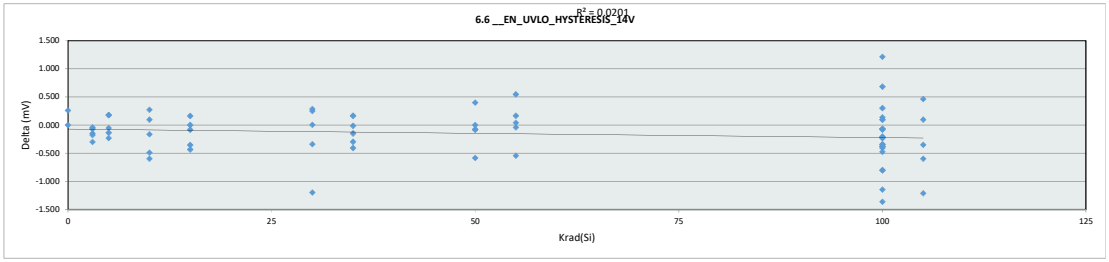
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000
Min	105.338	104.424	105.487	105.106	105.978	105.447	105.733	106.417	104.465	104.860	106.116
Average	106.197	106.200	107.168	106.206	106.500	106.261	106.708	107.020	106.099	106.839	106.926
Max	107.056	107.875	110.004	107.194	107.153	107.658	107.344	107.318	107.248	108.190	108.585
UL	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000



HDR TID Report
TPS7H2211-SP

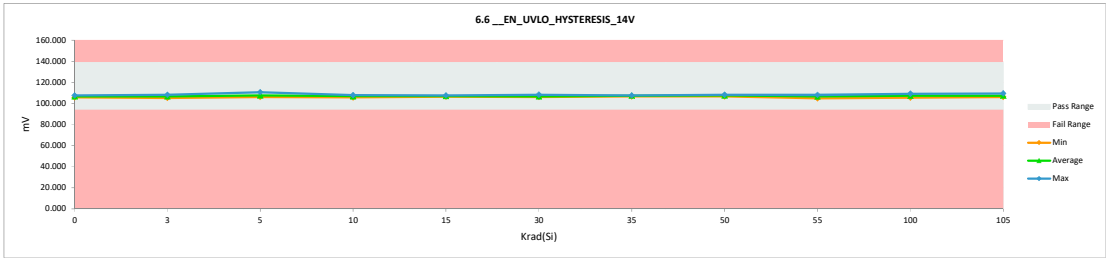
	6.6 __EN_UVLO_HYSTERESIS_14V	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	139	139
Min Limit	94	94

Krad(Si)	Serial #	PRE	POST	Delta
0	227	105.773	105.773	0.000
0	229	107.520	107.779	0.259
3	107	105.419	105.379	-0.040
3	108	108.380	108.312	-0.068
3	109	108.420	108.271	-0.149
3	110	105.856	105.678	-0.178
3	111	106.879	106.579	-0.300
5	112	108.434	108.202	-0.232
5	113	106.484	106.347	-0.137
5	114	106.237	106.183	-0.054
5	115	107.275	107.452	0.177
5	116	110.522	110.700	0.178
10	96	107.288	106.689	-0.599
10	97	105.937	105.773	-0.164
10	98	108.380	107.889	-0.491
10	99	106.525	106.798	0.273
10	100	107.261	107.356	0.095
15	101	107.069	106.633	-0.436
15	102	106.497	106.415	-0.082
15	104	107.970	107.616	-0.354
15	105	107.562	107.725	0.163
15	106	106.920	106.920	0.000
30	83	106.455	106.457	0.002
30	84	105.964	106.212	0.248
30	85	107.356	106.158	-1.198
30	86	108.066	108.353	0.287
30	87	107.561	107.221	-0.340
35	88	107.766	107.616	-0.150
35	92	108.161	107.752	-0.409
35	93	107.970	107.671	-0.299
35	94	106.865	107.029	0.164
35	95	106.674	106.660	-0.014
50	1	106.905	106.825	-0.080
50	2	107.588	107.986	0.398
50	3	108.312	107.727	-0.585
50	5	108.312	108.232	-0.080
50	6	107.002	107.003	0.001
55	7	108.215	108.175	-0.040
55	8	106.920	107.466	0.546
55	9	105.350	105.392	0.042
55	10	105.446	104.900	-0.546
55	11	107.561	107.725	0.164
100	29	105.692	105.610	-0.082
100	30	108.380	108.027	-0.353
100	31	107.152	108.366	1.214
100	32	107.943	107.740	-0.203
100	34	106.646	105.843	-0.803
100	35	108.175	107.960	-0.215
100	36	108.026	107.957	-0.069
100	38	106.115	105.733	-0.382
100	39	108.612	108.913	0.301
100	41	107.110	107.207	0.097
100	42	107.616	107.384	-0.232
100	43	108.666	108.438	-0.228
100	45	107.233	106.892	-0.341
100	46	108.681	109.363	0.682
100	47	107.152	107.084	-0.068
100	48	108.544	107.398	-1.146
100	49	107.029	106.225	-0.804
100	51	106.770	106.361	-0.409
100	54	107.766	107.903	0.137
100	56	107.984	107.603	-0.381
100	57	107.616	107.711	0.095
100	58	108.202	106.838	-1.364
100	59	108.816	108.340	-0.476
105	61	107.247	107.344	0.097
105	62	107.738	107.139	-0.599
105	64	109.049	109.513	0.464
105	65	107.916	106.702	-1.214
105	66	106.592	106.239	-0.353
Max		110.522	110.700	1.214
Average		107.393	107.241	-0.152
Min		105.350	104.900	-1.364
Std Dev		0.987	1.056	0.430



	6.6 __EN_UVLO_HYSTERESIS_	
Test Site		
Tester		
Test Number		
Max Limit	139	mV
Min Limit	94	mV

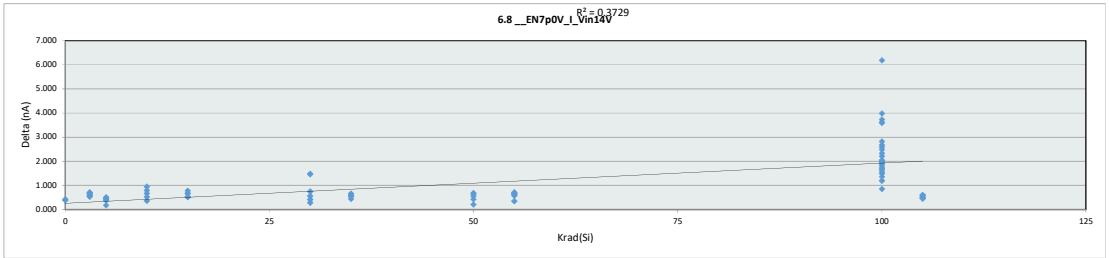
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000
Min	105.773	105.379	106.183	105.773	106.415	106.158	106.660	106.825	104.900	105.610	106.239
Average	106.776	106.844	107.777	106.901	107.062	106.880	107.346	107.555	106.732	107.430	107.387
Max	107.779	108.312	110.700	107.889	107.725	108.353	107.752	108.232	108.175	109.363	109.513
UL	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000



HDR TID Report
TPS7H2211-SP

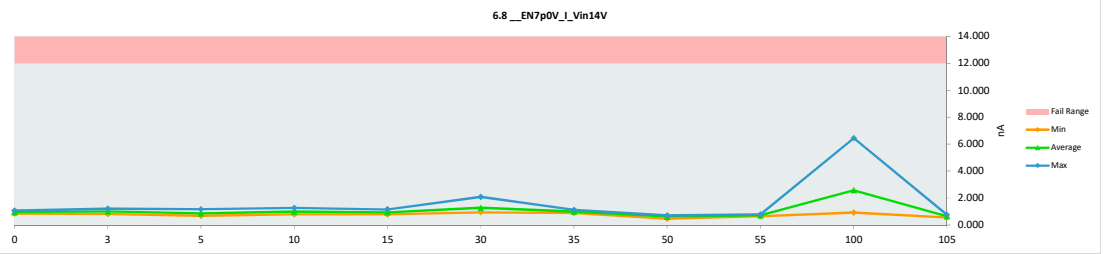
	6.8 __EN7p0V_I_Vin14V	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	12	12
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	0.630	1.057	0.427
0	229	0.455	0.837	0.382
3	107	0.467	1.173	0.706
3	108	0.241	0.922	0.681
3	109	0.282	0.915	0.633
3	110	0.646	1.208	0.562
3	111	0.274	0.809	0.535
5	112	0.304	0.684	0.380
5	113	0.350	0.851	0.501
5	114	0.739	1.165	0.426
5	115	0.374	0.846	0.472
5	116	0.547	0.719	0.172
10	96	0.437	0.792	0.355
10	97	0.374	0.892	0.518
10	98	0.374	1.165	0.791
10	99	0.310	1.257	0.947
10	100	0.196	0.859	0.663
15	101	0.348	1.027	0.679
15	102	0.378	1.154	0.776
15	104	0.192	0.847	0.655
15	105	0.360	0.888	0.528
15	106	0.276	0.788	0.512
30	83	0.816	1.096	0.280
30	84	0.612	2.081	1.469
30	85	0.766	1.181	0.415
30	86	0.338	1.082	0.744
30	87	0.374	0.934	0.560
35	88	0.411	0.968	0.557
35	92	0.415	0.957	0.542
35	93	0.477	1.117	0.640
35	94	0.444	0.881	0.437
35	95	0.380	1.033	0.653
50	1	0.104	0.532	0.428
50	2	0.022	0.703	0.681
50	3	0.038	0.678	0.640
50	5	0.259	0.465	0.206
50	6	0.138	0.692	0.554
55	7	0.297	0.644	0.347
55	8	0.174	0.747	0.573
55	9	0.055	0.690	0.635
55	10	0.059	0.716	0.657
55	11	0.068	0.777	0.709
100	29	0.324	2.368	2.044
100	30	0.274	2.245	1.971
100	31	0.112	1.801	1.689
100	32	0.274	2.951	2.677
100	34	0.106	2.028	1.922
100	35	0.107	3.839	3.732
100	36	0.252	3.072	2.820
100	38	0.124	3.713	3.589
100	39	0.058	1.801	1.743
100	41	0.037	1.675	1.638
100	42	0.732	3.212	2.480
100	43	0.196	1.684	1.488
100	45	0.072	2.400	2.328
100	46	0.023	1.383	1.360
100	47	0.001	2.207	2.206
100	48	0.054	3.669	3.615
100	49	0.067	0.916	0.849
100	51	0.030	4.014	3.984
100	54	0.064	1.606	1.542
100	56	0.259	6.447	6.188
100	57	0.303	2.135	1.832
100	58	0.169	2.752	2.583
100	59	0.171	1.363	1.192
105	61	0.156	0.749	0.593
105	62	0.097	0.600	0.503
105	64	0.069	0.664	0.595
105	65	0.110	0.552	0.442
105	66	0.123	0.636	0.513
	Max	0.816	6.447	6.188
	Average	0.274	1.447	1.174
	Min	0.001	0.465	0.172
	Std Dev	0.201	1.071	1.111



	6.8 __EN7p0V_I_Vin14V	
Test Site		
Tester		
Test Number		
Max Limit	12	nA
Min Limit		nA

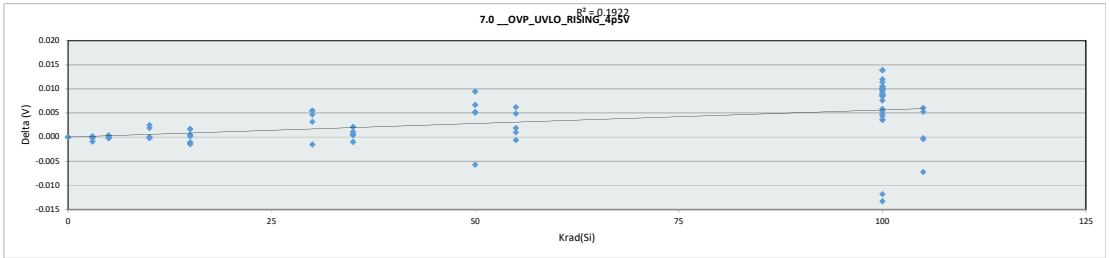
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	0.837	0.809	0.684	0.792	0.788	0.934	0.881	0.465	0.644	0.916	0.552
Average	0.947	1.005	0.853	0.993	0.941	1.275	0.991	0.614	0.715	2.577	0.640
Max	1.057	1.208	1.165	1.257	1.154	2.081	1.117	0.703	0.777	6.447	0.749
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



HDR TID Report
TPS7H2211-SP

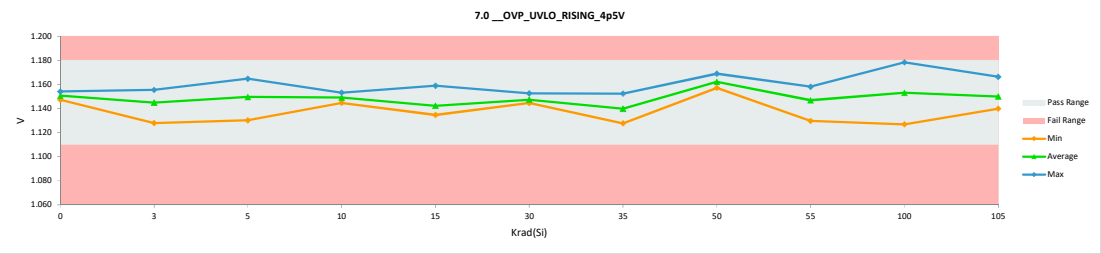
	7.0 __OVP_UVLO_RISING_4p5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.18	1.18
Min Limit	1.11	1.11

Krad(Si)	Serial #	PRE	POST	Delta
0	227	1.154	1.154	0.000
0	229	1.147	1.147	0.000
3	107	1.147	1.148	0.000
3	108	1.145	1.145	0.000
3	109	1.156	1.156	-0.001
3	110	1.128	1.128	0.000
3	111	1.149	1.149	0.000
5	112	1.161	1.161	0.000
5	113	1.151	1.151	0.000
5	114	1.130	1.130	0.000
5	115	1.142	1.142	0.000
5	116	1.165	1.165	0.000
10	96	1.153	1.153	0.000
10	97	1.149	1.152	0.003
10	98	1.147	1.147	0.000
10	99	1.145	1.145	0.000
10	100	1.147	1.149	0.002
15	101	1.138	1.137	-0.001
15	102	1.140	1.139	-0.001
15	104	1.157	1.159	0.002
15	105	1.135	1.135	0.000
15	106	1.142	1.143	0.001
30	83	1.142	1.145	0.003
30	84	1.147	1.153	0.006
30	85	1.146	1.145	-0.002
30	86	1.143	1.148	0.006
30	87	1.142	1.146	0.005
35	88	1.138	1.137	-0.001
35	92	1.151	1.152	0.001
35	93	1.148	1.149	0.000
35	94	1.127	1.128	0.001
35	95	1.132	1.134	0.002
50	1	1.150	1.159	0.010
50	2	1.162	1.169	0.007
50	3	1.152	1.157	0.005
50	5	1.163	1.157	-0.006
50	6	1.163	1.168	0.005
55	7	1.157	1.157	-0.001
55	8	1.153	1.158	0.005
55	9	1.129	1.130	0.001
55	10	1.130	1.132	0.002
55	11	1.152	1.158	0.006
100	29	1.135	1.145	0.011
100	30	1.156	1.165	0.009
100	31	1.131	1.141	0.010
100	32	1.153	1.163	0.010
100	34	1.133	1.147	0.014
100	35	1.139	1.127	-0.012
100	36	1.146	1.154	0.008
100	38	1.152	1.158	0.005
100	39	1.157	1.166	0.010
100	41	1.134	1.145	0.011
100	42	1.141	1.149	0.008
100	43	1.146	1.133	-0.013
100	45	1.148	1.156	0.009
100	46	1.137	1.146	0.009
100	47	1.141	1.146	0.004
100	48	1.164	1.178	0.014
100	49	1.152	1.162	0.010
100	51	1.141	1.146	0.005
100	54	1.144	1.150	0.006
100	56	1.130	1.139	0.009
100	57	1.161	1.173	0.012
100	58	1.171	1.174	0.004
100	59	1.153	1.157	0.004
105	61	1.140	1.140	0.000
105	62	1.161	1.166	0.005
105	64	1.143	1.142	0.000
105	65	1.157	1.149	-0.007
105	66	1.146	1.152	0.006
Max		1.171	1.178	0.014
Average		1.147	1.150	0.003
Min		1.127	1.127	-0.013
Std Dev		0.010	0.012	0.005



	7.0 __OVP_UVLO_RISING_4p5	
Test Site		
Tester		
Test Number		
Max Limit	1.18	V
Min Limit	1.11	V

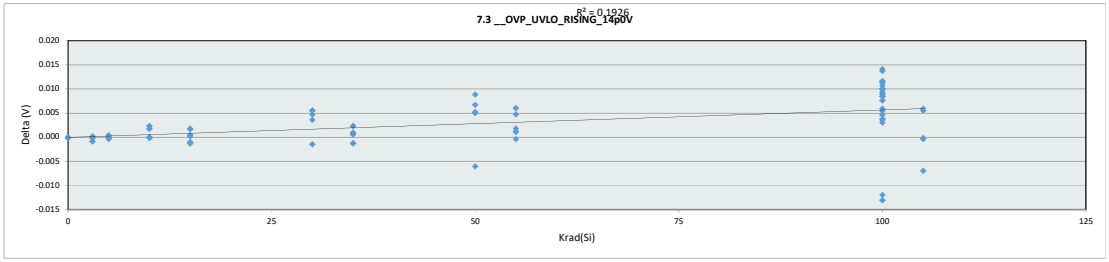
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110
Min	1.147	1.128	1.130	1.145	1.135	1.145	1.128	1.157	1.130	1.127	1.140
Average	1.151	1.145	1.150	1.149	1.142	1.147	1.140	1.162	1.147	1.153	1.150
Max	1.154	1.156	1.165	1.153	1.159	1.153	1.152	1.169	1.158	1.178	1.166
UL	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180



HDR TID Report
TPS7H2211-SP

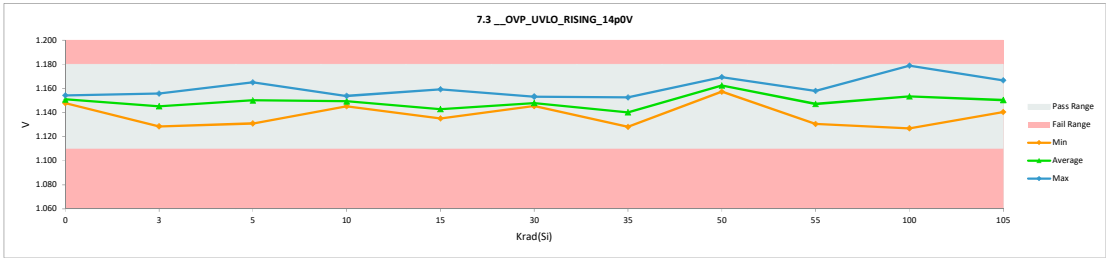
	7.3 __OVP_UVLO_RISING_14p0V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.18	1.18
Min Limit	1.11	1.11

Krad(Si)	Serial #	PRE	POST	Delta
0	227	1.154	1.154	0.000
0	229	1.148	1.148	0.000
3	107	1.148	1.148	0.000
3	108	1.145	1.145	0.000
3	109	1.157	1.156	-0.001
3	110	1.129	1.129	0.000
3	111	1.149	1.149	0.000
5	112	1.161	1.161	0.000
5	113	1.151	1.151	0.000
5	114	1.130	1.131	0.000
5	115	1.143	1.143	0.000
5	116	1.165	1.165	0.000
10	96	1.154	1.154	0.000
10	97	1.149	1.152	0.002
10	98	1.148	1.147	0.000
10	99	1.145	1.145	0.000
10	100	1.147	1.149	0.002
15	101	1.139	1.138	-0.001
15	102	1.140	1.139	-0.001
15	104	1.158	1.159	0.002
15	105	1.135	1.135	0.000
15	106	1.143	1.143	0.000
30	83	1.142	1.146	0.004
30	84	1.148	1.153	0.006
30	85	1.147	1.145	-0.002
30	86	1.143	1.149	0.005
30	87	1.142	1.146	0.005
35	88	1.138	1.137	-0.001
35	92	1.152	1.153	0.001
35	93	1.149	1.149	0.001
35	94	1.128	1.128	0.001
35	95	1.132	1.134	0.002
50	1	1.150	1.159	0.009
50	2	1.163	1.169	0.007
50	3	1.153	1.158	0.005
50	5	1.163	1.157	-0.006
50	6	1.164	1.169	0.005
55	7	1.158	1.157	0.000
55	8	1.153	1.158	0.005
55	9	1.129	1.130	0.001
55	10	1.130	1.132	0.002
55	11	1.152	1.158	0.006
100	29	1.135	1.146	0.011
100	30	1.157	1.166	0.009
100	31	1.131	1.142	0.011
100	32	1.153	1.163	0.010
100	34	1.134	1.147	0.014
100	35	1.139	1.127	-0.012
100	36	1.147	1.155	0.008
100	38	1.152	1.158	0.006
100	39	1.157	1.168	0.010
100	41	1.134	1.146	0.012
100	42	1.141	1.150	0.008
100	43	1.147	1.134	-0.013
100	45	1.148	1.157	0.009
100	46	1.137	1.146	0.009
100	47	1.142	1.145	0.004
100	48	1.165	1.179	0.014
100	49	1.152	1.162	0.010
100	51	1.141	1.146	0.005
100	54	1.144	1.150	0.005
100	56	1.131	1.139	0.008
100	57	1.162	1.173	0.012
100	58	1.171	1.174	0.003
100	59	1.154	1.158	0.004
105	61	1.141	1.140	0.000
105	62	1.161	1.167	0.005
105	64	1.143	1.143	0.000
105	65	1.157	1.150	-0.007
105	66	1.146	1.152	0.006
	Max	1.171	1.179	0.014
	Average	1.147	1.150	0.003
	Min	1.128	1.127	-0.013
	Std Dev	0.010	0.012	0.005



	7.3 __OVP_UVLO_RISING_14	
Test Site		
Tester		
Test Number		
Max Limit	1.18	V
Min Limit	1.11	V

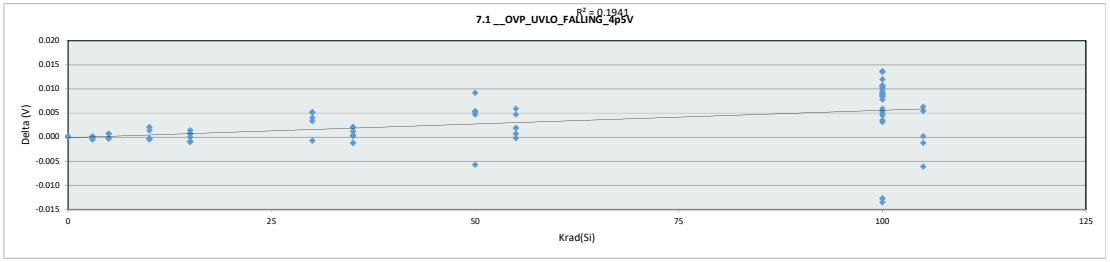
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110
Min	1.148	1.129	1.131	1.145	1.135	1.145	1.128	1.157	1.131	1.127	1.140
Average	1.151	1.145	1.150	1.149	1.143	1.148	1.140	1.162	1.147	1.153	1.150
Max	1.154	1.156	1.165	1.154	1.159	1.153	1.153	1.169	1.158	1.179	1.167
UL	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180



HDR TID Report
TPS7H2211-SP

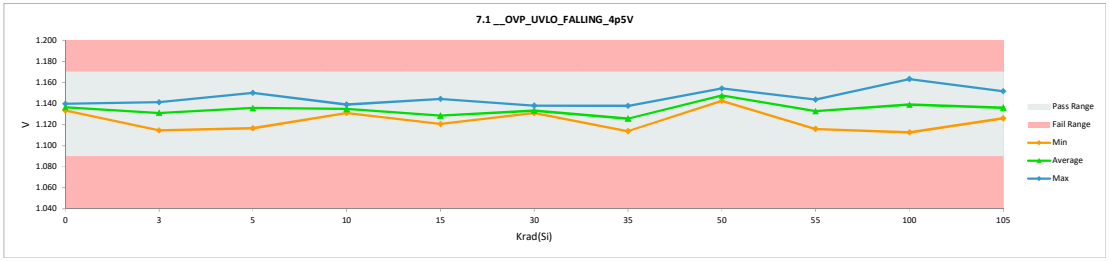
	7.1 __OVP_UVLO_FALLING_4p5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.17	1.17
Min Limit	1.09	1.09

Krad(Si)	Serial #	PRE	POST	Delta
0	227	1.140	1.140	0.000
0	229	1.133	1.133	0.000
3	107	1.134	1.134	0.000
3	108	1.131	1.131	0.000
3	109	1.142	1.141	-0.001
3	110	1.115	1.115	0.000
3	111	1.134	1.134	0.000
5	112	1.147	1.146	0.000
5	113	1.138	1.138	0.000
5	114	1.116	1.117	0.001
5	115	1.128	1.128	0.000
5	116	1.150	1.150	0.000
10	96	1.140	1.139	0.000
10	97	1.135	1.137	0.002
10	98	1.133	1.133	0.000
10	99	1.131	1.131	0.000
10	100	1.133	1.134	0.001
15	101	1.124	1.123	-0.001
15	102	1.127	1.126	-0.001
15	104	1.143	1.144	0.001
15	105	1.121	1.121	0.000
15	106	1.128	1.128	0.001
30	83	1.128	1.131	0.003
30	84	1.133	1.138	0.005
30	85	1.132	1.132	-0.001
30	86	1.129	1.134	0.005
30	87	1.128	1.132	0.004
35	88	1.124	1.122	-0.001
35	92	1.137	1.138	0.001
35	93	1.134	1.134	0.000
35	94	1.113	1.114	0.000
35	95	1.118	1.120	0.002
50	1	1.135	1.144	0.009
50	2	1.149	1.154	0.005
50	3	1.138	1.143	0.005
50	5	1.148	1.143	-0.006
50	6	1.149	1.154	0.005
55	7	1.143	1.143	0.000
55	8	1.139	1.144	0.005
55	9	1.115	1.116	0.001
55	10	1.116	1.118	0.002
55	11	1.137	1.143	0.006
100	29	1.121	1.131	0.010
100	30	1.143	1.152	0.009
100	31	1.117	1.127	0.011
100	32	1.138	1.149	0.010
100	34	1.120	1.134	0.014
100	35	1.125	1.113	-0.013
100	36	1.132	1.140	0.008
100	38	1.138	1.143	0.005
100	39	1.142	1.152	0.010
100	41	1.120	1.131	0.011
100	42	1.127	1.135	0.008
100	43	1.132	1.119	-0.013
100	45	1.134	1.142	0.008
100	46	1.123	1.132	0.009
100	47	1.128	1.133	0.005
100	48	1.150	1.163	0.014
100	49	1.138	1.148	0.009
100	51	1.128	1.132	0.005
100	54	1.130	1.136	0.006
100	56	1.117	1.126	0.009
100	57	1.147	1.159	0.012
100	58	1.156	1.159	0.003
100	59	1.139	1.143	0.003
105	61	1.126	1.126	0.000
105	62	1.146	1.152	0.005
105	64	1.129	1.128	-0.001
105	65	1.142	1.136	-0.006
105	66	1.132	1.138	0.006
	Max	1.156	1.163	0.014
	Average	1.133	1.136	0.003
	Min	1.113	1.113	-0.013
	Std Dev	0.010	0.011	0.005



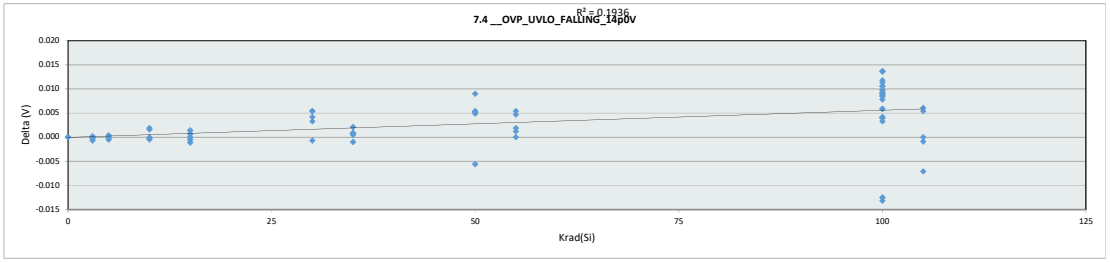
	7.1 __OVP_UVLO_FALLING_4p	
Test Site		
Tester		
Test Number		
Max Limit	1.17	V
Min Limit	1.09	V

Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090
Min	1.133	1.115	1.117	1.131	1.121	1.131	1.114	1.143	1.116	1.113	1.126
Average	1.137	1.131	1.136	1.135	1.128	1.133	1.126	1.148	1.133	1.139	1.136
Max	1.140	1.141	1.150	1.139	1.144	1.138	1.138	1.154	1.144	1.163	1.152
UL	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170

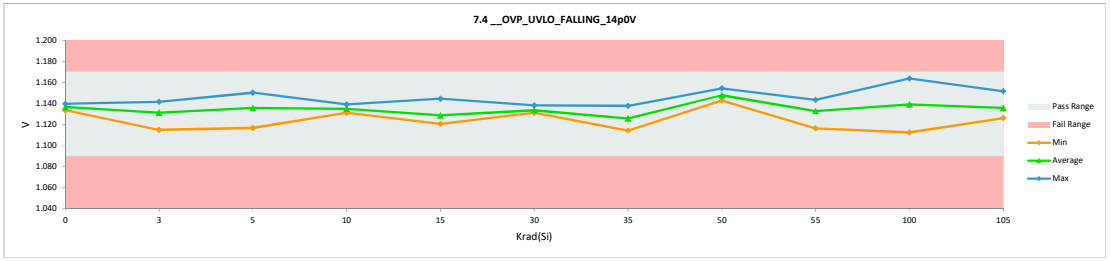


HDR TID Report
TPS7H2211-SP

	7.4 __OVP_UVLO_FALLING_14p0V		
Test Site			
Tester			
Test Number			
Unit	V	V	
Max Limit	1.17	1.17	
Min Limit	1.09	1.09	
Krad(Si)	Serial #	PRE	POST	Delta
0	227	1.140	1.140	0.000
0	229	1.134	1.134	0.000
3	107	1.134	1.134	0.000
3	108	1.131	1.131	0.000
3	109	1.142	1.142	-0.001
3	110	1.115	1.115	0.000
3	111	1.134	1.134	0.000
5	112	1.147	1.146	0.000
5	113	1.138	1.138	0.000
5	114	1.116	1.117	0.000
5	115	1.128	1.128	0.000
5	116	1.150	1.150	0.000
10	96	1.140	1.139	0.000
10	97	1.135	1.137	0.002
10	98	1.133	1.133	0.000
10	99	1.132	1.131	-0.001
10	100	1.133	1.135	0.002
15	101	1.125	1.124	-0.001
15	102	1.127	1.126	-0.001
15	104	1.143	1.145	0.001
15	105	1.121	1.121	0.000
15	106	1.128	1.129	0.001
30	83	1.128	1.131	0.003
30	84	1.133	1.138	0.005
30	85	1.133	1.132	-0.001
30	86	1.129	1.134	0.005
30	87	1.128	1.132	0.004
35	88	1.124	1.123	-0.001
35	92	1.137	1.138	0.001
35	93	1.134	1.135	0.001
35	94	1.114	1.114	0.000
35	95	1.118	1.120	0.002
50	1	1.135	1.144	0.009
50	2	1.149	1.155	0.005
50	3	1.138	1.143	0.005
50	5	1.148	1.143	-0.006
50	6	1.150	1.155	0.005
55	7	1.143	1.143	0.000
55	8	1.139	1.143	0.005
55	9	1.115	1.116	0.001
55	10	1.116	1.118	0.002
55	11	1.138	1.143	0.005
100	29	1.121	1.132	0.011
100	30	1.143	1.152	0.009
100	31	1.117	1.127	0.011
100	32	1.138	1.148	0.010
100	34	1.120	1.134	0.014
100	35	1.125	1.113	-0.013
100	36	1.133	1.140	0.008
100	38	1.138	1.144	0.006
100	39	1.143	1.153	0.010
100	41	1.121	1.131	0.011
100	42	1.127	1.135	0.008
100	43	1.132	1.119	-0.013
100	45	1.134	1.142	0.008
100	46	1.123	1.132	0.009
100	47	1.128	1.132	0.004
100	48	1.150	1.164	0.014
100	49	1.138	1.148	0.009
100	51	1.128	1.132	0.004
100	54	1.130	1.136	0.006
100	56	1.117	1.126	0.009
100	57	1.147	1.159	0.012
100	58	1.156	1.160	0.003
100	59	1.139	1.143	0.004
105	61	1.126	1.126	0.000
105	62	1.146	1.152	0.005
105	64	1.129	1.128	-0.001
105	65	1.142	1.135	-0.007
105	66	1.132	1.138	0.006
Max		1.156	1.164	0.014
Average		1.133	1.136	0.003
Min		1.114	1.113	-0.013
Std Dev		0.010	0.011	0.005



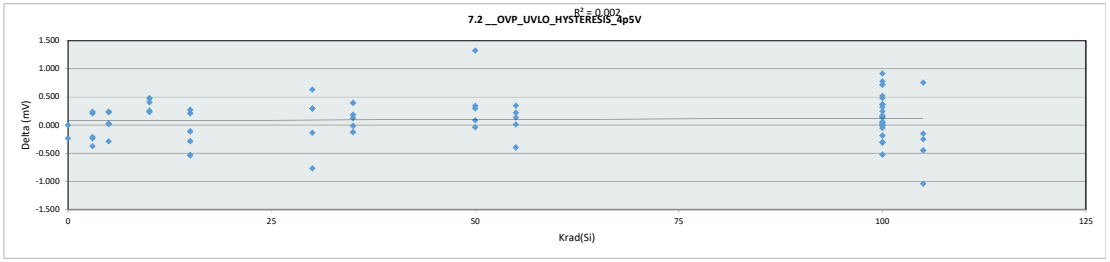
	7.4 __OVP_UVLO_FALLING_14										
Test Site											
Tester											
Test Number											
Max Limit	1.17	V									
Min Limit	1.09	V									
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090
Min	1.134	1.115	1.117	1.131	1.121	1.131	1.114	1.143	1.116	1.113	1.126
Average	1.137	1.131	1.136	1.135	1.129	1.134	1.126	1.148	1.133	1.139	1.136
Max	1.140	1.142	1.150	1.139	1.145	1.138	1.138	1.155	1.144	1.164	1.152
UL	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170



HDR TID Report
TPS7H2211-SP

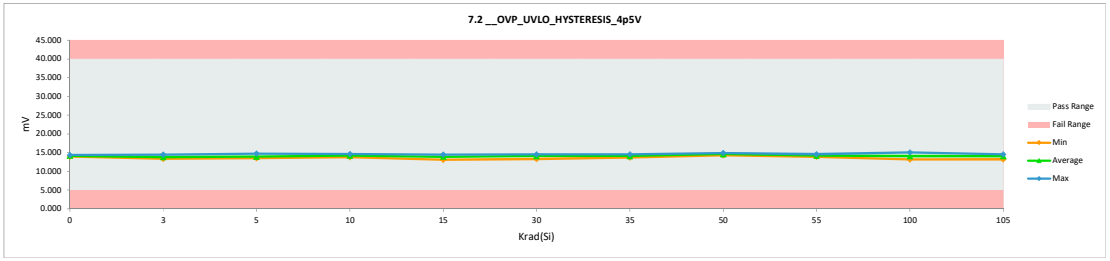
	7.2 __OVP_UVLO_HYSTERESIS_4p5V	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	40	40
Min Limit	5	5

Krad(Si)	Serial #	PRE	POST	Delta
0	227	14.363	14.363	0.000
0	229	14.215	13.980	-0.235
3	107	13.509	13.720	0.211
3	108	13.595	13.360	-0.235
3	109	14.561	14.189	-0.372
3	110	13.201	13.436	0.235
3	111	14.723	14.512	-0.211
5	112	14.040	14.065	0.025
5	113	13.508	13.532	0.024
5	114	13.920	13.634	-0.286
5	115	13.448	13.683	0.235
5	116	14.511	14.746	0.235
10	96	13.967	14.227	0.260
10	97	14.228	14.637	0.409
10	98	13.980	14.215	0.235
10	99	13.335	13.806	0.471
10	100	13.819	14.301	0.482
15	101	13.869	13.758	-0.111
15	102	13.646	13.113	-0.533
15	104	14.226	14.499	0.273
15	105	13.845	14.056	0.211
15	106	14.364	14.080	-0.284
30	83	13.943	13.806	-0.137
30	84	14.240	14.537	0.297
30	85	14.079	13.311	-0.768
30	86	14.055	14.352	0.297
30	87	13.943	14.575	0.632
35	88	13.944	14.068	0.124
35	92	14.686	14.562	-0.124
35	93	14.116	14.301	0.185
35	94	13.536	13.932	0.396
35	95	13.721	13.708	-0.013
50	1	14.649	14.945	0.296
50	2	13.395	14.721	1.326
50	3	14.351	14.437	0.086
50	5	14.734	14.697	-0.037
50	6	13.978	14.324	0.346
55	7	14.437	14.041	-0.396
55	8	14.227	14.363	0.136
55	9	13.573	13.920	0.347
55	10	14.105	14.118	0.013
55	11	14.401	14.623	0.222
100	29	13.584	13.756	0.172
100	30	13.383	13.519	0.136
100	31	14.056	13.757	-0.299
100	32	14.487	14.474	-0.013
100	34	13.287	13.533	0.246
100	35	13.348	14.267	0.919
100	36	14.079	13.892	-0.187
100	38	14.351	14.413	0.062
100	39	14.512	14.548	0.036
100	41	13.237	14.017	0.780
100	42	14.489	14.438	-0.051
100	43	14.315	14.465	0.150
100	45	13.720	14.090	0.370
100	46	13.361	13.683	0.322
100	47	13.732	13.211	-0.521
100	48	14.561	15.042	0.481
100	49	13.644	14.362	0.718
100	51	13.521	13.893	0.372
100	54	13.695	13.706	0.011
100	56	13.634	13.324	-0.310
100	57	14.461	14.460	-0.001
100	58	14.547	15.067	0.520
100	59	14.438	14.486	0.048
105	61	14.353	13.906	-0.447
105	62	14.722	14.572	-0.150
105	64	13.584	14.340	0.756
105	65	14.301	13.260	-1.041
105	66	14.575	14.326	-0.249
	Max	14.734	15.067	1.326
	Average	14.014	14.115	0.101
	Min	13.201	13.113	-1.041
	Std Dev	0.435	0.458	0.386



	7.2 __OVP_UVLO_HYSTERESIS
Test Site	
Tester	
Test Number	
Max Limit	40 mV
Min Limit	5 mV

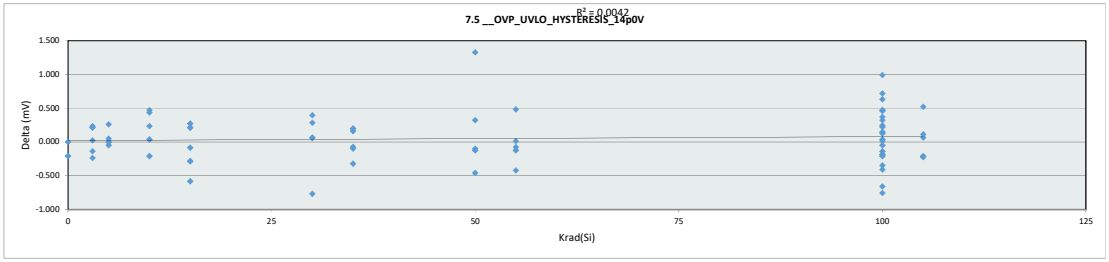
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	13.980	13.360	13.532	13.806	13.113	13.311	13.708	14.324	13.920	13.211	13.260
Average	14.172	13.843	13.932	14.237	13.901	14.116	14.114	14.625	14.213	14.104	14.081
Max	14.363	14.512	14.746	14.637	14.499	14.575	14.562	14.945	14.623	15.067	14.572
UL	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000



HDR TID Report
TPS7H2211-SP

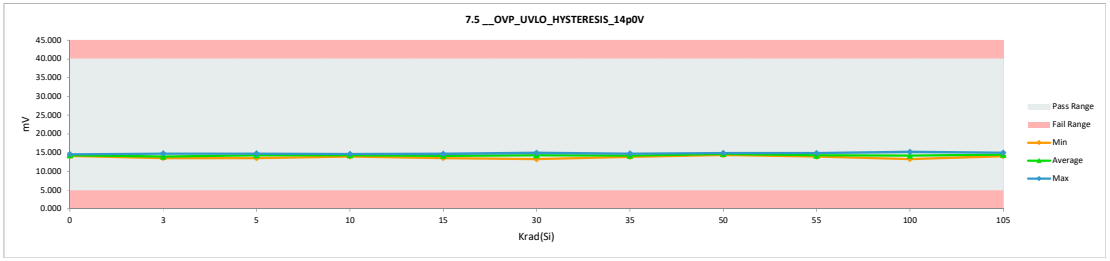
	7.5 __OVP_UVLO_HYSTERESIS_14p0V	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	40	40
Min Limit	5	5

Krad(Si)	Serial #	PRE	POST	Delta
0	227	14.574	14.574	0.000
0	229	14.376	14.165	-0.211
3	107	13.694	13.905	0.211
3	108	13.782	13.546	-0.236
3	109	14.301	14.165	-0.136
3	110	13.362	13.597	0.235
3	111	14.723	14.748	0.025
5	112	14.226	14.487	0.261
5	113	13.483	13.532	0.049
5	114	14.081	14.032	-0.049
5	115	14.762	14.762	0.000
5	116	14.722	14.722	0.000
10	96	14.388	14.623	0.235
10	97	14.202	14.637	0.435
10	98	14.426	14.215	-0.211
10	99	13.521	13.992	0.471
10	100	14.215	14.252	0.037
15	101	14.266	13.683	-0.583
15	102	13.621	13.535	-0.086
15	104	14.413	14.685	0.272
15	105	14.031	14.242	0.211
15	106	14.762	14.476	-0.286
30	83	14.129	14.414	0.285
30	84	14.872	14.934	0.062
30	85	14.029	13.261	-0.768
30	86	14.476	14.537	0.061
30	87	14.154	14.550	0.396
35	88	14.576	14.253	-0.323
35	92	14.872	14.773	-0.099
35	93	14.301	14.228	-0.073
35	94	13.722	13.883	0.161
35	95	13.932	14.130	0.198
50	1	14.835	14.734	-0.101
50	2	13.581	14.907	1.326
50	3	14.537	14.413	-0.124
50	5	15.131	14.673	-0.458
50	6	14.163	14.485	0.322
55	7	14.413	13.991	-0.422
55	8	14.463	14.387	-0.076
55	9	14.205	14.081	-0.124
55	10	14.081	14.093	0.012
55	11	14.375	14.858	0.483
100	29	14.006	13.868	-0.138
100	30	13.334	13.469	0.135
100	31	14.242	14.390	0.148
100	32	14.487	14.734	0.247
100	34	13.708	13.744	0.036
100	35	13.795	14.267	0.472
100	36	14.264	14.078	-0.186
100	38	14.562	14.574	0.012
100	39	14.673	14.895	0.222
100	41	13.424	14.414	0.990
100	42	14.439	14.389	-0.050
100	43	14.500	14.626	0.126
100	45	13.930	14.301	0.371
100	46	13.547	13.868	0.321
100	47	13.943	13.285	-0.658
100	48	14.746	15.203	0.457
100	49	13.855	14.573	0.718
100	51	13.732	14.364	0.632
100	54	14.117	13.706	-0.411
100	56	14.056	13.299	-0.757
100	57	14.648	14.460	-0.188
100	58	14.919	14.572	-0.347
100	59	14.623	14.413	-0.210
105	61	14.303	14.092	-0.211
105	62	14.932	14.994	0.062
105	64	13.794	14.315	0.521
105	65	14.512	14.624	0.112
105	66	14.786	14.562	-0.224
	Max	15.131	15.203	1.326
	Average	14.238	14.289	0.051
	Min	13.334	13.261	-0.768
	Std Dev	0.433	0.445	0.366



	7.5 __OVP_UVLO_HYSTERESIS	
Test Site		
Tester		
Test Number		
Max Limit	40	mV
Min Limit	5	mV

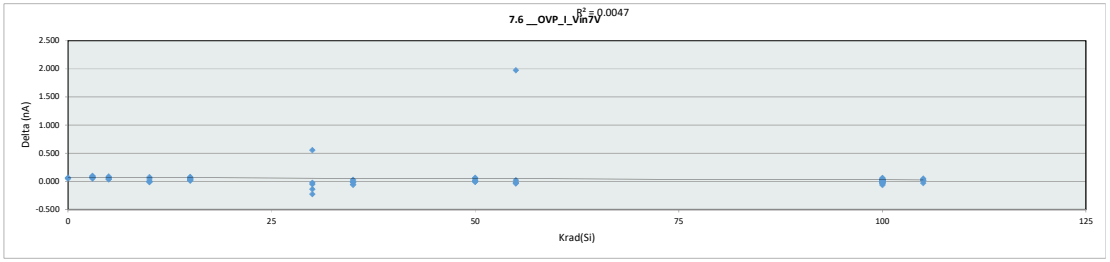
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	14.165	13.546	13.532	13.992	13.535	13.261	13.883	14.413	13.991	13.285	14.092
Average	14.370	13.992	14.307	14.344	14.124	14.339	14.253	14.642	14.282	14.239	14.517
Max	14.574	14.748	14.762	14.637	14.685	14.934	14.773	14.907	14.858	15.203	14.994
UL	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000



HDR TID Report
TPS7H2211-SP

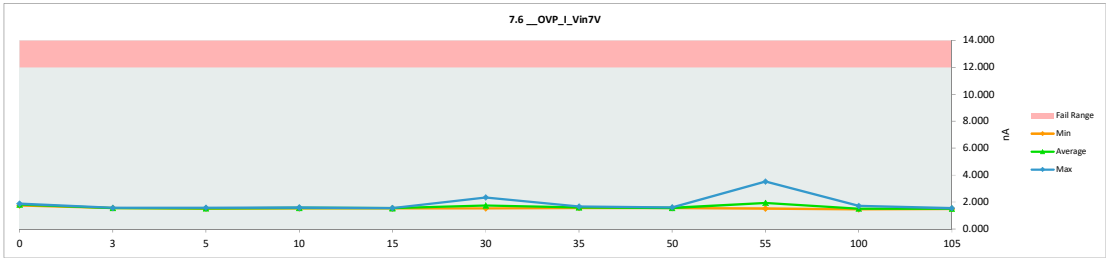
	7.6 __OVP_I_Vin7V	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	12	12
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	1.822	1.871	0.049
0	229	1.673	1.739	0.066
3	107	1.474	1.552	0.078
3	108	1.471	1.566	0.095
3	109	1.499	1.548	0.049
3	110	1.485	1.557	0.072
3	111	1.469	1.539	0.070
5	112	1.457	1.543	0.086
5	113	1.460	1.497	0.037
5	114	1.447	1.518	0.071
5	115	1.463	1.502	0.039
5	116	1.528	1.577	0.049
10	96	1.569	1.558	-0.011
10	97	1.577	1.578	0.001
10	98	1.519	1.561	0.042
10	99	1.529	1.533	0.004
10	100	1.497	1.572	0.075
15	101	1.538	1.553	0.015
15	102	1.509	1.537	0.028
15	104	1.479	1.556	0.077
15	105	1.512	1.556	0.044
15	106	1.475	1.525	0.050
30	83	1.900	1.673	-0.227
30	84	1.785	2.341	0.556
30	85	1.659	1.521	-0.138
30	86	1.639	1.614	-0.025
30	87	1.632	1.581	-0.051
35	88	1.624	1.608	-0.016
35	92	1.595	1.585	-0.010
35	93	1.678	1.668	-0.010
35	94	1.578	1.603	0.025
35	95	1.609	1.551	-0.058
50	1	1.607	1.600	-0.007
50	2	1.515	1.577	0.062
50	3	1.549	1.571	0.022
50	5	1.541	1.548	0.007
50	6	1.545	1.540	-0.005
55	7	1.561	1.544	-0.017
55	8	1.547	1.516	-0.031
55	9	1.537	3.513	1.976
55	10	1.538	1.558	0.020
55	11	1.555	1.519	-0.036
100	29	1.548	1.575	0.027
100	30	1.533	1.490	-0.043
100	31	1.534	1.468	-0.066
100	32	1.495	1.482	-0.013
100	34	1.505	1.498	-0.007
100	35	1.495	1.487	-0.008
100	36	1.650	1.709	0.059
100	38	1.485	1.512	0.027
100	39	1.487	1.486	-0.001
100	41	1.472	1.504	0.032
100	42	1.481	1.473	-0.008
100	43	1.447	1.499	0.052
100	45	1.474	1.487	0.013
100	46	1.497	1.510	0.013
100	47	1.497	1.454	-0.043
100	48	1.486	1.473	-0.013
100	49	1.554	1.568	0.014
100	51	1.519	1.494	-0.025
100	54	1.450	1.476	0.026
100	56	1.472	1.454	-0.018
100	57	1.458	1.480	0.022
100	58	1.519	1.524	0.005
100	59	1.480	1.491	0.011
105	61	1.521	1.537	0.016
105	62	1.486	1.506	0.020
105	64	1.525	1.495	-0.030
105	65	1.490	1.512	0.022
105	66	1.470	1.519	0.049
	Max	1.900	3.513	1.976
	Average	1.538	1.585	0.047
	Min	1.447	1.454	-0.227
	Std Dev	0.086	0.261	0.248



	7.6 __OVP_I_Vin7V	
Test Site		
Tester		
Test Number		
Max Limit	12	nA
Min Limit		nA

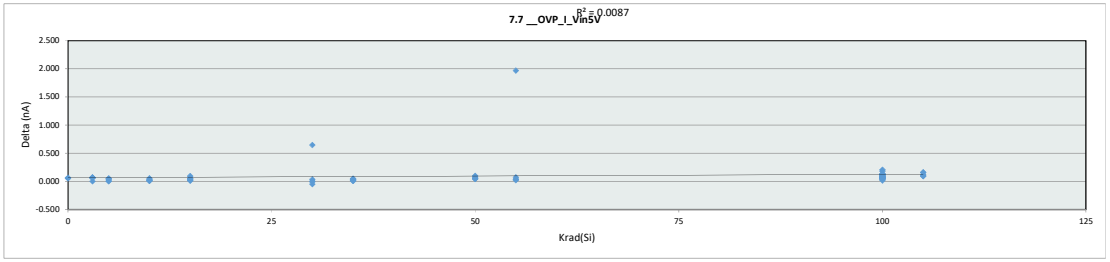
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	1.739	1.539	1.497	1.533	1.525	1.521	1.551	1.540	1.516	1.454	1.495
Average	1.805	1.552	1.527	1.560	1.545	1.746	1.603	1.567	1.930	1.504	1.514
Max	1.871	1.566	1.577	1.578	1.556	2.341	1.668	1.600	3.513	1.709	1.537
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



HDR TID Report
TPS7H2211-SP

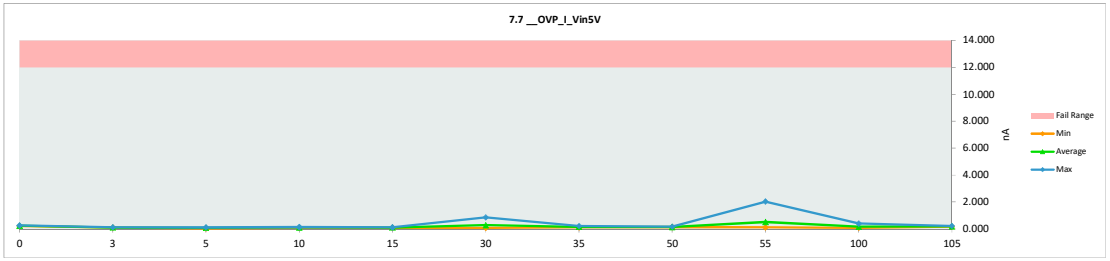
	7.7 __OVP_I_Vin5V	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	12	12
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	0.207	0.261	0.054
0	229	0.150	0.216	0.066
3	107	0.048	0.119	0.071
3	108	0.033	0.104	0.071
3	109	0.102	0.104	0.002
3	110	0.043	0.099	0.056
3	111	0.026	0.093	0.067
5	112	0.055	0.101	0.046
5	113	0.035	0.039	0.004
5	114	0.027	0.081	0.054
5	115	0.057	0.062	0.005
5	116	0.087	0.112	0.025
10	96	0.125	0.133	0.008
10	97	0.113	0.124	0.011
10	98	0.075	0.109	0.034
10	99	0.069	0.093	0.024
10	100	0.030	0.086	0.056
15	101	0.076	0.091	0.015
15	102	0.057	0.101	0.044
15	104	0.023	0.116	0.093
15	105	0.060	0.114	0.054
15	106	0.064	0.087	0.023
30	83	0.210	0.201	-0.009
30	84	0.212	0.859	0.647
30	85	0.122	0.073	-0.049
30	86	0.135	0.139	0.004
30	87	0.112	0.147	0.035
35	88	0.104	0.136	0.032
35	92	0.133	0.142	0.009
35	93	0.198	0.213	0.015
35	94	0.113	0.161	0.048
35	95	0.079	0.118	0.039
50	1	0.093	0.141	0.048
50	2	0.068	0.166	0.098
50	3	0.087	0.154	0.067
50	5	0.089	0.131	0.042
50	6	0.090	0.140	0.050
55	7	0.112	0.184	0.072
55	8	0.101	0.122	0.021
55	9	0.060	2.031	1.971
55	10	0.089	0.128	0.039
55	11	0.076	0.113	0.037
100	29	0.130	0.217	0.087
100	30	0.083	0.157	0.074
100	31	0.094	0.156	0.062
100	32	0.076	0.115	0.039
100	34	0.047	0.099	0.052
100	35	0.051	0.100	0.049
100	36	0.192	0.397	0.205
100	38	0.100	0.117	0.017
100	39	0.042	0.118	0.076
100	41	0.065	0.128	0.063
100	42	0.057	0.164	0.107
100	43	0.009	0.188	0.179
100	45	0.038	0.124	0.086
100	46	0.061	0.188	0.127
100	47	0.059	0.188	0.129
100	48	0.043	0.082	0.039
100	49	0.145	0.254	0.109
100	51	0.077	0.154	0.077
100	54	0.044	0.174	0.130
100	56	0.037	0.087	0.050
100	57	0.083	0.169	0.086
100	58	0.078	0.182	0.104
100	59	0.063	0.196	0.133
105	61	0.074	0.172	0.098
105	62	0.063	0.183	0.120
105	64	0.078	0.171	0.093
105	65	0.061	0.221	0.160
105	66	0.057	0.214	0.157
	Max	0.212	2.031	1.971
	Average	0.084	0.181	0.097
	Min	0.009	0.039	-0.049
	Std Dev	0.046	0.246	0.242



	7.7 __OVP_I_Vin5V	
Test Site		
Tester		
Test Number		
Max Limit	12	nA
Min Limit		nA

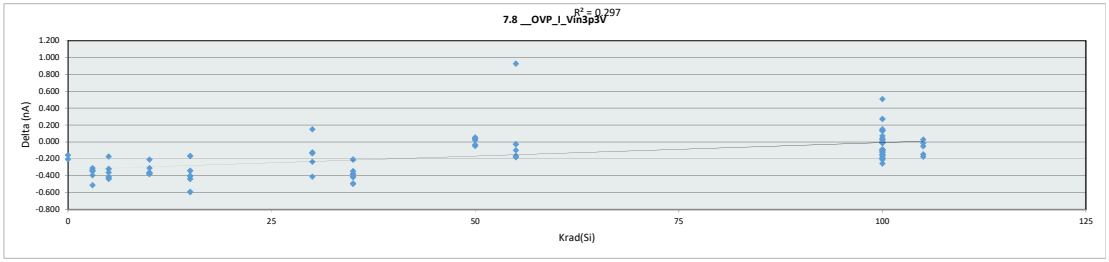
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	0.216	0.093	0.039	0.086	0.087	0.073	0.118	0.131	0.113	0.082	0.171
Average	0.239	0.104	0.079	0.109	0.102	0.284	0.154	0.146	0.516	0.163	0.192
Max	0.261	0.119	0.112	0.133	0.116	0.859	0.213	0.166	2.031	0.397	0.221
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



HDR TID Report
TPS7H2211-SP

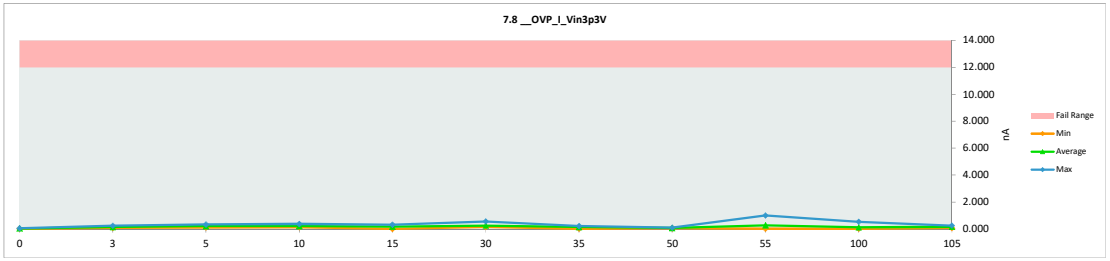
	7.8 __OVP_I_Vin3p3V	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	12	12
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	0.213	0.057	-0.156
0	229	0.217	0.013	-0.204
3	107	0.508	0.160	-0.348
3	108	0.445	0.111	-0.334
3	109	0.524	0.129	-0.395
3	110	0.552	0.241	-0.311
3	111	0.591	0.079	-0.512
5	112	0.558	0.143	-0.415
5	113	0.507	0.333	-0.174
5	114	0.429	0.109	-0.320
5	115	0.678	0.241	-0.437
5	116	0.636	0.274	-0.362
10	96	0.490	0.123	-0.367
10	97	0.546	0.180	-0.366
10	98	0.519	0.208	-0.311
10	99	0.611	0.231	-0.380
10	100	0.580	0.370	-0.210
15	101	0.763	0.171	-0.592
15	102	0.477	0.311	-0.166
15	104	0.555	0.214	-0.341
15	105	0.448	0.009	-0.439
15	106	0.526	0.123	-0.403
30	83	0.268	0.144	-0.124
30	84	0.401	0.551	0.150
30	85	0.366	0.231	-0.135
30	86	0.409	0.174	-0.235
30	87	0.559	0.148	-0.411
35	88	0.590	0.210	-0.380
35	92	0.525	0.177	-0.348
35	93	0.511	0.097	-0.414
35	94	0.508	0.014	-0.494
35	95	0.416	0.207	-0.209
50	1	0.092	0.044	-0.048
50	2	0.025	0.047	0.022
50	3	0.025	0.079	0.054
50	5	0.086	0.052	-0.034
50	6	0.060	0.100	0.040
55	7	0.225	0.043	-0.182
55	8	0.260	0.092	-0.168
55	9	0.080	1.008	0.928
55	10	0.271	0.172	-0.099
55	11	0.038	0.010	-0.028
100	29	0.082	0.088	0.006
100	30	0.124	0.029	-0.095
100	31	0.200	0.098	-0.102
100	32	0.249	0.123	-0.126
100	34	0.041	0.028	-0.013
100	35	0.229	0.077	-0.152
100	36	0.008	0.050	0.042
100	38	0.026	0.018	-0.008
100	39	0.002	0.274	0.272
100	41	0.086	0.217	0.131
100	42	0.366	0.109	-0.257
100	43	0.143	0.281	0.138
100	45	0.174	0.058	-0.116
100	46	0.213	0.047	-0.166
100	47	0.296	0.104	-0.192
100	48	0.023	0.532	0.509
100	49	0.086	0.158	0.072
100	51	0.081	0.233	0.152
100	54	0.224	0.013	-0.211
100	56	0.256	0.057	-0.199
100	57	0.167	0.078	-0.089
100	58	0.274	0.125	-0.149
100	59	0.175	0.204	0.029
105	61	0.155	0.183	0.028
105	62	0.267	0.253	-0.014
105	64	0.231	0.084	-0.147
105	65	0.263	0.212	-0.051
105	66	0.244	0.069	-0.175
Max		0.763	1.008	0.928
Average		0.311	0.160	-0.151
Min		0.002	0.009	-0.592
Std Dev		0.204	0.150	0.240



	7.8 __OVP_I_Vin3p3V	
Test Site		
Tester		
Test Number		
Max Limit	12	nA
Min Limit		nA

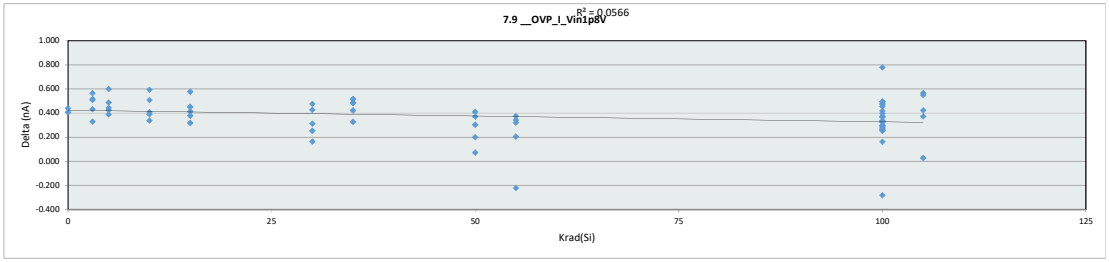
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	0.013	0.079	0.109	0.123	0.009	0.144	0.014	0.044	0.010	0.013	0.069
Average	0.035	0.144	0.220	0.222	0.166	0.250	0.141	0.064	0.265	0.130	0.160
Max	0.057	0.241	0.333	0.370	0.311	0.551	0.210	0.100	1.008	0.532	0.253
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



HDR TID Report
TPS7H2211-SP

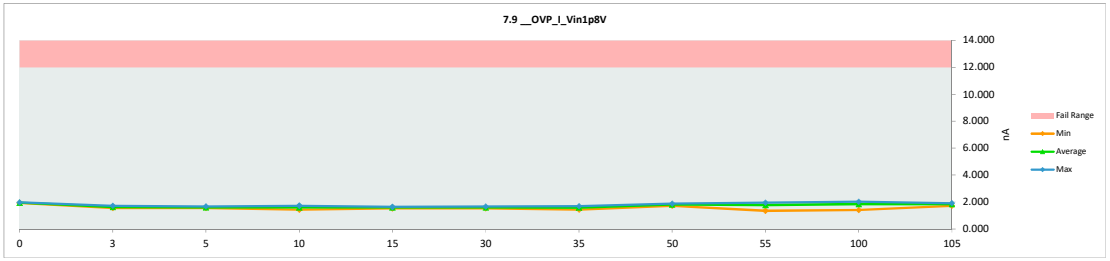
	7.9 __OVP_I_Vin1p8V	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	12	12
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	1.527	1.965	0.438
0	229	1.514	1.921	0.407
3	107	1.224	1.553	0.329
3	108	1.151	1.716	0.565
3	109	1.153	1.585	0.432
3	110	1.106	1.614	0.508
3	111	1.174	1.691	0.517
5	112	1.064	1.551	0.487
5	113	1.160	1.584	0.424
5	114	1.231	1.674	0.443
5	115	1.011	1.610	0.599
5	116	1.198	1.586	0.388
10	96	1.171	1.560	0.389
10	97	1.128	1.721	0.593
10	98	0.935	1.443	0.508
10	99	1.350	1.688	0.338
10	100	1.137	1.545	0.408
15	101	1.222	1.634	0.412
15	102	1.007	1.584	0.577
15	104	1.202	1.580	0.378
15	105	1.158	1.609	0.451
15	106	1.215	1.533	0.318
30	83	1.328	1.581	0.253
30	84	1.362	1.525	0.163
30	85	1.182	1.658	0.476
30	86	1.230	1.657	0.427
30	87	1.244	1.556	0.312
35	88	1.200	1.684	0.484
35	92	1.109	1.437	0.328
35	93	1.032	1.547	0.515
35	94	1.185	1.606	0.421
35	95	1.070	1.555	0.485
50	1	1.505	1.808	0.303
50	2	1.640	1.712	0.072
50	3	1.503	1.873	0.370
50	5	1.458	1.867	0.409
50	6	1.555	1.755	0.200
55	7	1.518	1.860	0.342
55	8	1.581	1.954	0.373
55	9	1.567	1.345	-0.222
55	10	1.658	1.863	0.205
55	11	1.535	1.855	0.320
100	29	1.577	1.906	0.329
100	30	1.415	1.911	0.496
100	31	1.551	2.022	0.471
100	32	1.466	1.948	0.482
100	34	1.441	1.809	0.368
100	35	1.594	1.867	0.273
100	36	1.633	1.884	0.251
100	38	1.499	1.868	0.369
100	39	1.044	1.823	0.779
100	41	1.604	1.899	0.295
100	42	1.629	1.928	0.299
100	43	1.540	1.796	0.256
100	45	1.563	1.886	0.323
100	46	1.485	1.816	0.331
100	47	1.346	1.839	0.493
100	48	1.675	1.393	-0.282
100	49	1.529	1.814	0.285
100	51	1.545	1.999	0.454
100	54	1.568	1.729	0.161
100	56	1.477	1.737	0.260
100	57	1.427	1.845	0.418
100	58	1.549	1.887	0.338
100	59	1.469	1.865	0.396
105	61	1.684	1.710	0.026
105	62	1.345	1.910	0.565
105	64	1.500	1.872	0.372
105	65	1.437	1.860	0.423
105	66	1.331	1.880	0.549
	Max	1.684	2.022	0.779
	Average	1.363	1.734	0.370
	Min	0.935	1.345	-0.282
	Std Dev	0.203	0.162	0.165



	7.9 __OVP_I_Vin1p8V	
Test Site		
Tester		
Test Number		
Max Limit	12	nA
Min Limit		nA

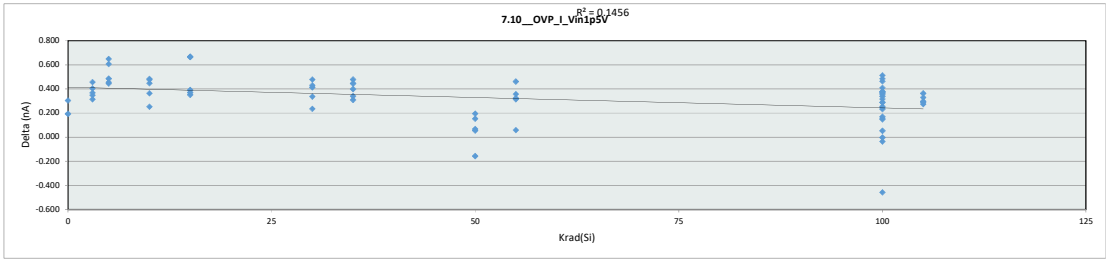
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	1.921	1.553	1.551	1.443	1.533	1.525	1.437	1.712	1.345	1.393	1.710
Average	1.943	1.632	1.601	1.591	1.588	1.595	1.566	1.803	1.775	1.847	1.846
Max	1.965	1.716	1.674	1.721	1.634	1.658	1.684	1.873	1.954	2.022	1.910
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



HDR TID Report
TPS7H2211-SP

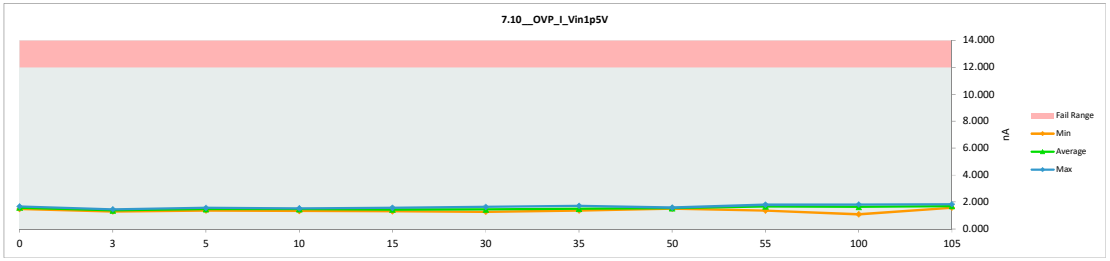
	7.10__OVP_I_Vin1p5V	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	12	12
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	1.373	1.677	0.304
0	229	1.278	1.471	0.193
3	107	1.069	1.437	0.368
3	108	0.937	1.394	0.457
3	109	0.984	1.298	0.314
3	110	0.985	1.334	0.349
3	111	1.055	1.459	0.404
5	112	0.880	1.366	0.486
5	113	0.879	1.528	0.649
5	114	0.954	1.560	0.606
5	115	1.059	1.515	0.456
5	116	0.965	1.409	0.444
10	96	0.978	1.461	0.483
10	97	1.172	1.536	0.364
10	98	1.079	1.331	0.252
10	99	1.074	1.522	0.448
10	100	1.027	1.503	0.476
15	101	0.856	1.524	0.668
15	102	0.959	1.311	0.352
15	104	0.997	1.389	0.392
15	105	0.894	1.559	0.665
15	106	1.031	1.401	0.370
30	83	1.299	1.636	0.337
30	84	1.027	1.263	0.236
30	85	1.050	1.463	0.413
30	86	1.114	1.545	0.431
30	87	0.876	1.355	0.479
35	88	1.315	1.714	0.399
35	92	1.135	1.445	0.310
35	93	0.895	1.374	0.479
35	94	1.061	1.507	0.446
35	95	1.086	1.426	0.340
50	1	1.319	1.514	0.195
50	2	1.529	1.584	0.055
50	3	1.489	1.557	0.068
50	5	1.386	1.539	0.153
50	6	1.671	1.514	-0.157
55	7	1.337	1.799	0.462
55	8	1.370	1.684	0.314
55	9	1.304	1.363	0.059
55	10	1.395	1.753	0.358
55	11	1.422	1.745	0.323
100	29	1.522	1.777	0.255
100	30	1.392	1.624	0.232
100	31	1.359	1.603	0.244
100	32	1.273	1.737	0.464
100	34	1.296	1.466	0.170
100	35	1.326	1.665	0.339
100	36	1.530	1.583	0.053
100	38	1.414	1.561	0.147
100	39	1.419	1.577	0.158
100	41	1.235	1.748	0.513
100	42	1.604	1.601	-0.003
100	43	1.340	1.824	0.484
100	45	1.279	1.569	0.290
100	46	1.489	1.453	-0.036
100	47	1.306	1.684	0.378
100	48	1.541	1.083	-0.458
100	49	1.403	1.761	0.358
100	51	1.514	1.801	0.287
100	54	1.293	1.671	0.378
100	56	1.232	1.599	0.367
100	57	1.315	1.632	0.317
100	58	1.279	1.688	0.409
100	59	1.433	1.801	0.368
105	61	1.403	1.677	0.274
105	62	1.290	1.578	0.288
105	64	1.434	1.731	0.297
105	65	1.497	1.826	0.329
105	66	1.296	1.659	0.363
	Max	1.671	1.826	0.668
	Average	1.233	1.553	0.321
	Min	0.856	1.083	-0.458
	Std Dev	0.212	0.155	0.184



	7.10__OVP_I_Vin1p5V	
Test Site		
Tester		
Test Number		
Max Limit	12	nA
Min Limit		nA

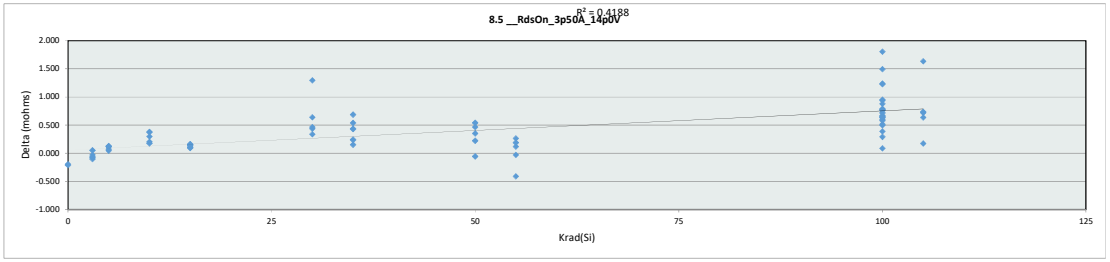
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	1.471	1.298	1.366	1.331	1.311	1.263	1.374	1.514	1.363	1.083	1.578
Average	1.574	1.384	1.476	1.471	1.437	1.452	1.493	1.542	1.669	1.631	1.694
Max	1.677	1.459	1.560	1.536	1.559	1.636	1.714	1.584	1.799	1.824	1.826
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



HDR TID Report
TPS7H2211-SP

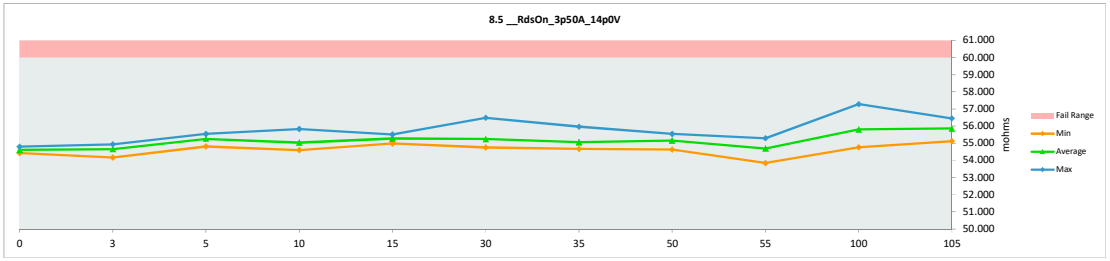
	8.5 __RdsOn_3p50A_14p0V	
Test Site		
Tester		
Test Number		
Unit	mohms	mohms
Max Limit	60	60
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	54.637	54.425	-0.212
0	229	54.998	54.804	-0.194
3	107	54.603	54.656	0.053
3	108	54.852	54.824	-0.028
3	109	54.803	54.701	-0.102
3	110	55.002	54.938	-0.064
3	111	54.239	54.169	-0.070
5	112	55.493	55.541	0.048
5	113	55.148	55.279	0.131
5	114	55.009	55.129	0.120
5	115	55.405	55.521	0.116
5	116	54.738	54.813	0.075
10	96	54.399	54.604	0.205
10	97	54.667	55.043	0.376
10	98	55.529	55.829	0.300
10	99	54.473	54.651	0.178
10	100	54.677	55.056	0.379
15	101	55.376	55.511	0.135
15	102	55.075	55.183	0.108
15	104	55.123	55.285	0.162
15	105	55.251	55.400	0.149
15	106	54.899	54.993	0.094
30	83	54.114	54.753	0.639
30	84	54.769	55.204	0.435
30	85	55.195	56.493	1.298
30	86	54.433	54.899	0.466
30	87	54.549	54.888	0.339
35	88	54.461	54.701	0.240
35	92	54.329	54.762	0.433
35	93	55.282	55.971	0.689
35	94	54.129	54.669	0.540
35	95	55.047	55.200	0.153
50	1	54.993	55.458	0.465
50	2	55.022	55.245	0.223
50	3	55.191	55.544	0.353
50	5	54.344	54.886	0.542
50	6	54.693	54.637	-0.056
55	7	54.281	54.252	-0.029
55	8	54.558	54.822	0.264
55	9	55.180	55.297	0.117
55	10	54.253	53.843	-0.410
55	11	55.055	55.245	0.190
100	29	54.677	54.767	0.090
100	30	55.321	55.612	0.291
100	31	55.335	55.968	0.633
100	32	54.637	55.294	0.657
100	34	54.722	55.439	0.717
100	35	55.844	56.615	0.771
100	36	54.824	55.704	0.880
100	38	54.737	55.407	0.670
100	39	55.370	56.131	0.761
100	41	54.307	55.535	1.228
100	42	55.103	55.619	0.516
100	43	55.477	57.284	1.807
100	45	54.637	55.217	0.580
100	46	54.964	55.755	0.791
100	47	55.153	55.751	0.598
100	48	55.250	56.032	0.782
100	49	55.013	55.403	0.390
100	51	55.100	55.746	0.646
100	54	55.022	56.260	1.238
100	56	55.425	56.921	1.496
100	57	54.852	55.805	0.953
100	58	55.075	55.573	0.498
100	59	54.740	55.677	0.937
105	61	55.044	55.763	0.719
105	62	55.435	56.072	0.637
105	64	54.814	56.450	1.636
105	65	55.195	55.930	0.735
105	66	54.949	55.124	0.175
	Max	55.844	57.284	1.807
	Average	54.904	55.343	0.438
	Min	54.114	53.843	-0.410
	Std Dev	0.380	0.639	0.438



	8.5 __RdsOn_3p50A_14p0V	
Test Site		
Tester		
Test Number		
Max Limit	60	mohms
Min Limit		mohms

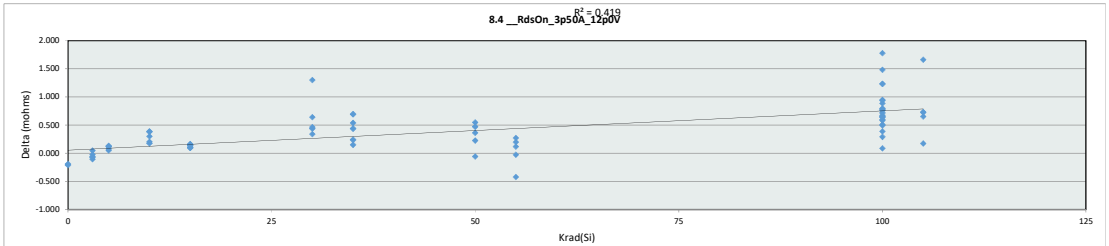
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	54.425	54.169	54.813	54.604	54.993	54.753	54.669	54.637	53.843	54.767	55.124
Average	54.615	54.658	55.257	55.037	55.274	55.247	55.061	55.154	54.692	55.805	55.868
Max	54.804	54.938	55.541	55.829	55.511	56.493	55.971	55.544	55.297	57.284	56.450
UL	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000



HDR TID Report
TPS7H2211-SP

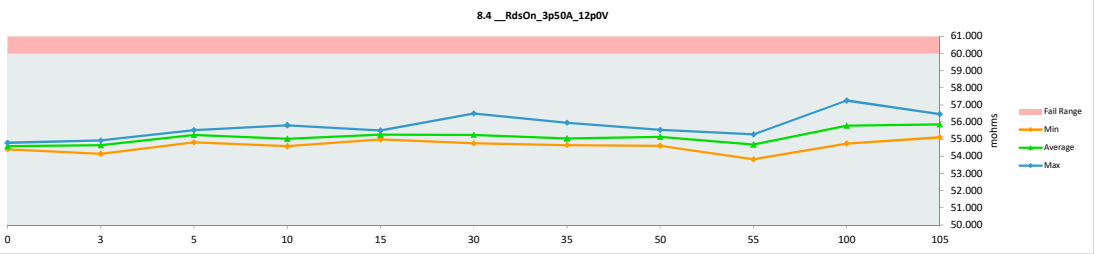
	8.4 __RdsOn_3p50A_12p0V	
Test Site		
Tester		
Test Number		
Unit	mohms	mohms
Max Limit	60	60
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	54.627	54.414	-0.213
0	229	54.987	54.793	-0.194
3	107	54.598	54.643	0.045
3	108	54.851	54.825	-0.026
3	109	54.812	54.706	-0.106
3	110	54.992	54.927	-0.065
3	111	54.225	54.155	-0.070
5	112	55.482	55.531	0.049
5	113	55.149	55.280	0.131
5	114	55.012	55.132	0.120
5	115	55.400	55.516	0.116
5	116	54.739	54.815	0.076
10	96	54.392	54.593	0.201
10	97	54.638	55.024	0.386
10	98	55.520	55.820	0.300
10	99	54.465	54.639	0.174
10	100	54.673	55.050	0.377
15	101	55.371	55.504	0.133
15	102	55.077	55.179	0.102
15	104	55.124	55.287	0.163
15	105	55.242	55.389	0.147
15	106	54.897	54.991	0.094
30	83	54.123	54.762	0.639
30	84	54.766	55.203	0.437
30	85	55.202	56.502	1.300
30	86	54.421	54.884	0.463
30	87	54.538	54.877	0.339
35	88	54.454	54.693	0.239
35	92	54.320	54.756	0.436
35	93	55.268	55.961	0.693
35	94	54.115	54.653	0.538
35	95	55.033	55.181	0.148
50	1	54.974	55.446	0.472
50	2	55.011	55.234	0.223
50	3	55.186	55.546	0.360
50	5	54.329	54.875	0.546
50	6	54.684	54.624	-0.060
55	7	54.263	54.236	-0.027
55	8	54.564	54.835	0.271
55	9	55.168	55.284	0.116
55	10	54.247	53.823	-0.424
55	11	55.052	55.250	0.198
100	29	54.666	54.753	0.087
100	30	55.316	55.607	0.291
100	31	55.338	55.982	0.644
100	32	54.625	55.265	0.640
100	34	54.724	55.440	0.716
100	35	55.834	56.607	0.773
100	36	54.818	55.703	0.885
100	38	54.736	55.407	0.671
100	39	55.364	56.124	0.760
100	41	54.307	55.539	1.232
100	42	55.095	55.606	0.511
100	43	55.481	57.259	1.778
100	45	54.622	55.202	0.580
100	46	54.954	55.741	0.787
100	47	55.149	55.747	0.598
100	48	55.236	56.032	0.796
100	49	55.001	55.390	0.389
100	51	55.103	55.754	0.651
100	54	55.010	56.242	1.232
100	56	55.423	56.904	1.481
100	57	54.850	55.798	0.948
100	58	55.063	55.557	0.494
100	59	54.736	55.673	0.937
105	61	55.048	55.771	0.723
105	62	55.421	56.073	0.652
105	64	54.803	56.465	1.662
105	65	55.194	55.925	0.731
105	66	54.938	55.111	0.173
Max		55.834	57.259	1.778
Average		54.898	55.336	0.438
Min		54.115	53.823	-0.424
Std Dev		0.381	0.640	0.438



	8.4 __RdsOn_3p50A_12p0V	
Test Site		
Tester		
Test Number		
Max Limit	60	mohms
Min Limit		mohms

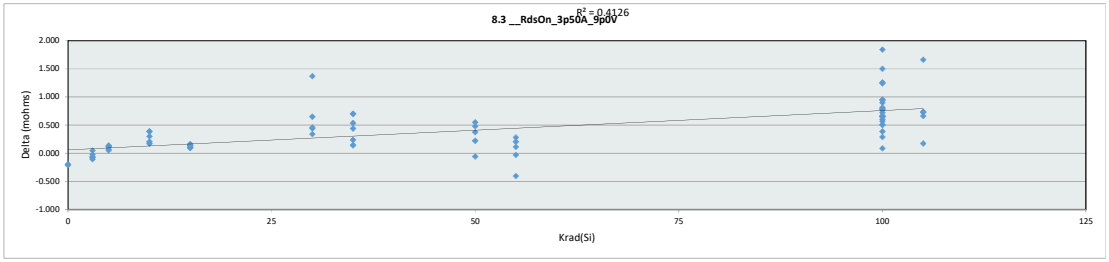
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	54.414	54.155	54.815	54.593	54.991	54.762	54.653	54.624	53.823	54.753	55.111
Average	54.604	54.651	55.255	55.025	55.270	55.246	55.049	55.145	54.686	55.797	55.869
Max	54.793	54.927	55.531	55.820	55.504	56.502	55.961	55.546	55.284	57.259	56.465
UL	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000



HDR TID Report
TPS7H2211-SP

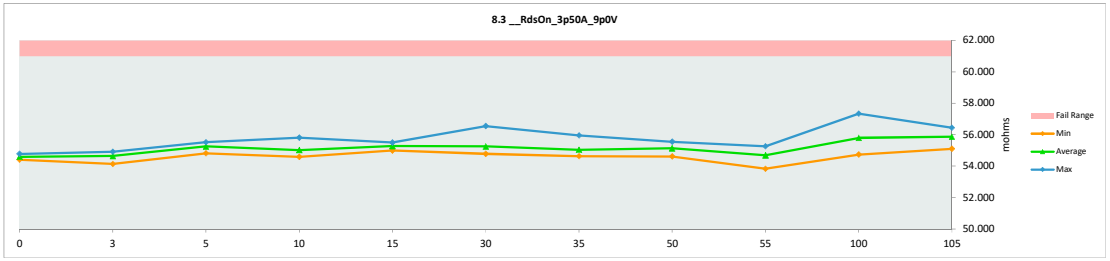
8.3 __RdsOn_3p50A_9p0V			
Test Site			
Tester			
Test Number			
Unit	mohms	mohms	
Max Limit	61	61	
Min Limit			

Krad(Si)	Serial #	PRE	POST	Delta
0	227	54.616	54.405	-0.211
0	229	54.974	54.778	-0.196
3	107	54.586	54.632	0.046
3	108	54.854	54.828	-0.026
3	109	54.821	54.715	-0.106
3	110	54.977	54.914	-0.063
3	111	54.209	54.136	-0.073
5	112	55.468	55.516	0.048
5	113	55.153	55.290	0.137
5	114	55.019	55.137	0.118
5	115	55.400	55.518	0.118
5	116	54.747	54.821	0.074
10	96	54.382	54.587	0.205
10	97	54.612	55.003	0.391
10	98	55.512	55.812	0.300
10	99	54.457	54.628	0.171
10	100	54.679	55.063	0.384
15	101	55.367	55.501	0.134
15	102	55.081	55.183	0.102
15	104	55.128	55.289	0.161
15	105	55.235	55.379	0.144
15	106	54.897	54.992	0.095
30	83	54.139	54.786	0.647
30	84	54.770	55.209	0.439
30	85	55.182	56.551	1.369
30	86	54.407	54.867	0.460
30	87	54.527	54.866	0.339
35	88	54.451	54.687	0.236
35	92	54.313	54.754	0.441
35	93	55.253	55.953	0.700
35	94	54.098	54.634	0.536
35	95	55.015	55.157	0.142
50	1	54.944	55.424	0.480
50	2	54.995	55.218	0.223
50	3	55.178	55.551	0.373
50	5	54.313	54.863	0.550
50	6	54.673	54.614	-0.059
55	7	54.245	54.215	-0.030
55	8	54.576	54.858	0.282
55	9	55.156	55.267	0.111
55	10	54.235	53.828	-0.407
55	11	55.052	55.256	0.204
100	29	54.648	54.736	0.088
100	30	55.311	55.599	0.288
100	31	55.341	55.991	0.650
100	32	54.610	55.257	0.647
100	34	54.730	55.453	0.723
100	35	55.822	56.604	0.782
100	36	54.814	55.711	0.897
100	38	54.738	55.409	0.671
100	39	55.360	56.130	0.770
100	41	54.311	55.553	1.242
100	42	55.087	55.597	0.510
100	43	55.499	57.340	1.841
100	45	54.604	55.171	0.567
100	46	54.940	55.732	0.792
100	47	55.146	55.744	0.598
100	48	55.223	56.034	0.811
100	49	54.991	55.376	0.385
100	51	55.116	55.766	0.650
100	54	54.994	56.250	1.256
100	56	55.430	56.930	1.500
100	57	54.849	55.802	0.953
100	58	55.049	55.550	0.501
100	59	54.734	55.677	0.943
105	61	55.057	55.785	0.728
105	62	55.404	56.066	0.662
105	64	54.786	56.449	1.663
105	65	55.187	55.925	0.738
105	66	54.928	55.102	0.174
Max		55.822	57.340	1.841
Average		54.891	55.335	0.443
Min		54.098	53.828	-0.407
Std Dev		0.382	0.648	0.445



8.3 __RdsOn_3p50A_9p0V		
Test Site		
Tester		
Test Number		
Max Limit	61	mohms
Min Limit		mohms

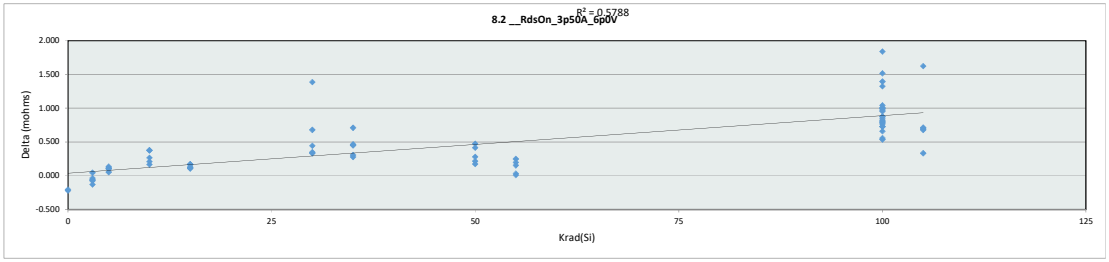
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	54.405	54.136	54.821	54.587	54.992	54.786	54.634	54.614	53.828	54.736	55.102
Average	54.592	54.645	55.256	55.019	55.269	55.256	55.037	55.134	54.685	55.801	55.865
Max	54.778	54.914	55.518	55.812	55.501	56.551	55.953	55.551	55.267	57.340	56.449
UL	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000



HDR TID Report
TPS7H2211-SP

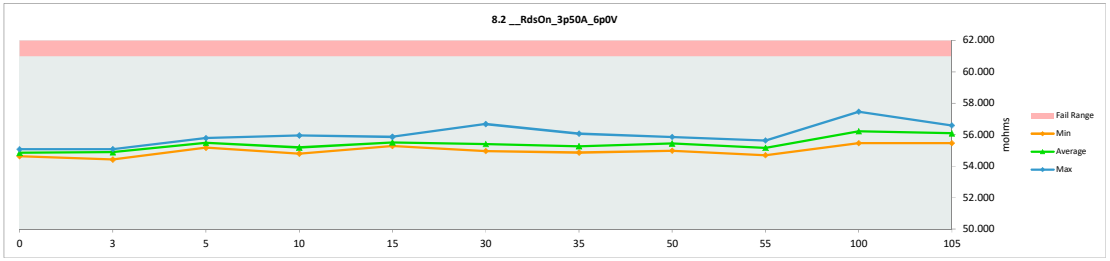
	8.2 __RdsOn_3p50A_6p0V	
Test Site		
Tester		
Test Number		
Unit	mohms	mohms
Max Limit	61	61
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	54.841	54.623	-0.218
0	229	55.277	55.073	-0.204
3	107	54.754	54.799	0.045
3	108	55.121	55.085	-0.036
3	109	55.188	55.058	-0.130
3	110	55.142	55.068	-0.074
3	111	54.478	54.418	-0.060
5	112	55.726	55.780	0.054
5	113	55.280	55.416	0.136
5	114	55.325	55.427	0.102
5	115	55.497	55.613	0.116
5	116	55.063	55.171	0.108
10	96	54.661	54.871	0.210
10	97	54.720	55.098	0.378
10	98	55.686	55.952	0.266
10	99	54.623	54.790	0.167
10	100	54.839	55.216	0.377
15	101	55.695	55.865	0.170
15	102	55.224	55.342	0.118
15	104	55.253	55.419	0.166
15	105	55.531	55.638	0.107
15	106	55.155	55.283	0.128
30	83	54.313	54.993	0.680
30	84	54.938	55.382	0.444
30	85	55.291	56.678	1.387
30	86	54.687	55.021	0.334
30	87	54.611	54.958	0.347
35	88	54.589	54.897	0.308
35	92	54.408	54.859	0.451
35	93	55.349	56.059	0.710
35	94	54.409	54.874	0.465
35	95	55.374	55.652	0.278
50	1	55.242	55.657	0.415
50	2	55.255	55.536	0.281
50	3	55.376	55.851	0.475
50	5	54.804	54.979	0.175
50	6	54.959	55.177	0.218
55	7	54.685	54.695	0.010
55	8	54.953	55.107	0.154
55	9	55.433	55.631	0.198
55	10	54.962	54.993	0.031
55	11	55.141	55.390	0.249
100	29	54.920	55.457	0.537
100	30	55.777	56.335	0.558
100	31	55.450	56.244	0.794
100	32	54.859	55.703	0.844
100	34	55.001	55.732	0.731
100	35	55.932	56.805	0.873
100	36	55.266	56.266	1.000
100	38	55.139	55.905	0.766
100	39	55.505	56.458	0.953
100	41	54.536	55.863	1.327
100	42	55.387	56.169	0.782
100	43	55.628	57.468	1.840
100	45	54.985	55.804	0.819
100	46	55.076	56.120	1.044
100	47	55.305	56.032	0.727
100	48	55.454	56.255	0.801
100	49	55.287	55.946	0.659
100	51	55.405	56.405	1.000
100	54	55.160	56.555	1.395
100	56	55.606	57.125	1.519
100	57	55.187	56.160	0.973
100	58	55.334	56.212	0.878
100	59	55.008	56.018	1.010
105	61	55.295	55.990	0.695
105	62	55.593	56.273	0.680
105	64	54.964	56.589	1.625
105	65	55.407	56.120	0.713
105	66	55.128	55.461	0.333
Max		55.932	57.468	1.840
Average		55.135	55.641	0.506
Min		54.313	54.418	-0.218
Std Dev		0.361	0.634	0.457



	8.2 __RdsOn_3p50A_6p0V	
Test Site		
Tester		
Test Number		
Max Limit	61	mohms
Min Limit		mohms

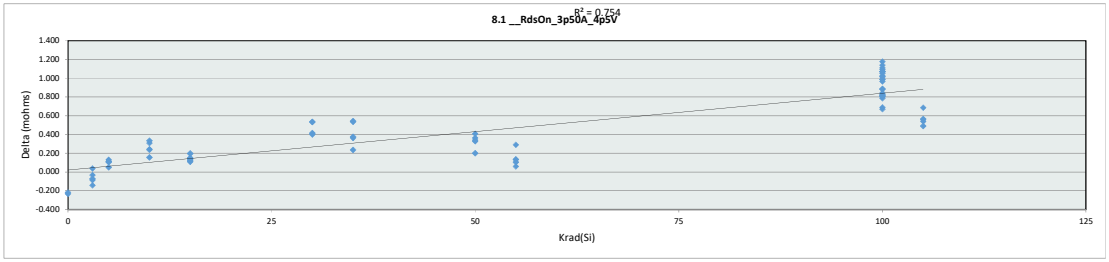
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	54.623	54.418	55.171	54.790	55.283	54.958	54.859	54.979	54.695	55.457	55.461
Average	54.848	54.886	55.481	55.185	55.509	55.406	55.268	55.440	55.163	56.219	56.087
Max	55.073	55.085	55.780	55.952	55.865	56.678	56.059	55.851	55.631	57.468	56.589
UL	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000



HDR TID Report
TPS7H2211-SP

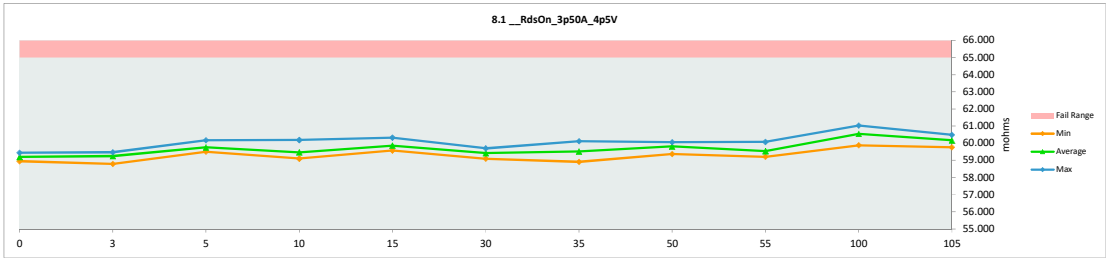
	8.1 __RdsOn_3p50A_4p5V	
Test Site		
Tester		
Test Number		
Unit	mohms	mohms
Max Limit	65	65
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	227	59.183	58.951	-0.232
0	229	59.662	59.445	-0.217
3	107	59.087	59.124	0.037
3	108	59.509	59.476	-0.033
3	109	59.545	59.403	-0.142
3	110	59.556	59.470	-0.086
3	111	58.865	58.793	-0.072
5	112	60.123	60.174	0.051
5	113	59.567	59.698	0.131
5	114	59.666	59.779	0.113
5	115	59.548	59.653	0.105
5	116	59.392	59.506	0.114
10	96	59.052	59.289	0.237
10	97	58.983	59.292	0.309
10	98	59.950	60.194	0.244
10	99	58.951	59.108	0.157
10	100	59.116	59.450	0.334
15	101	60.128	60.325	0.197
15	102	59.458	59.580	0.122
15	104	59.564	59.701	0.137
15	105	59.952	60.061	0.109
15	106	59.510	59.659	0.149
30	83	58.563	59.099	0.536
30	84	59.290	59.701	0.411
30	85	59.071	59.604	0.533
30	86	58.996	59.396	0.400
30	87	58.937	59.353	0.416
35	88	58.903	59.278	0.375
35	92	58.677	58.913	0.236
35	93	59.476	60.019	0.543
35	94	58.733	59.270	0.537
35	95	59.754	60.119	0.365
50	1	59.634	59.998	0.364
50	2	59.624	59.953	0.329
50	3	59.658	60.066	0.408
50	5	59.168	59.368	0.200
50	6	59.329	59.669	0.340
55	7	59.105	59.210	0.105
55	8	59.391	59.524	0.133
55	9	59.787	60.077	0.290
55	10	59.322	59.457	0.135
55	11	59.383	59.442	0.059
100	29	59.359	60.165	0.806
100	30	60.212	61.032	0.820
100	31	59.819	60.622	0.803
100	32	59.192	60.036	0.844
100	34	59.337	60.163	0.826
100	35	60.280	60.951	0.671
100	36	59.671	60.742	1.071
100	38	59.510	60.526	1.016
100	39	59.883	60.908	1.025
100	41	58.892	59.882	0.990
100	42	59.737	60.704	0.967
100	43	59.475	60.261	0.786
100	45	59.325	60.420	1.095
100	46	59.455	60.526	1.071
100	47	59.702	60.585	0.883
100	48	59.804	60.494	0.690
100	49	59.680	60.567	0.887
100	51	59.806	60.984	1.178
100	54	59.532	60.585	1.053
100	56	59.876	60.864	0.988
100	57	59.598	60.738	1.140
100	58	59.715	60.826	1.111
100	59	59.385	60.200	0.815
105	61	59.692	60.378	0.686
105	62	59.928	60.496	0.568
105	64	59.223	59.762	0.539
105	65	59.746	60.306	0.560
105	66	59.461	59.952	0.491
	Max	60.280	61.032	1.178
	Average	59.464	59.933	0.469
	Min	58.563	58.793	-0.232
	Std Dev	0.370	0.582	0.384



	8.1 __RdsOn_3p50A_4p5V	
Test Site		
Tester		
Test Number		
Max Limit	65	mohms
Min Limit		mohms

Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	58.951	58.793	59.506	59.108	59.580	59.099	58.913	59.368	59.210	59.882	59.762
Average	59.198	59.253	59.762	59.467	59.865	59.431	59.520	59.811	59.542	60.556	60.179
Max	59.445	59.476	60.174	60.194	60.325	59.701	60.119	60.066	60.077	61.032	60.496
UL	65.000	65.000	65.000	65.000	65.000	65.000	65.000	65.000	65.000	65.000	65.000



C Appendix: LDR TID Report Data

This appendix contains the LDR TID report data.

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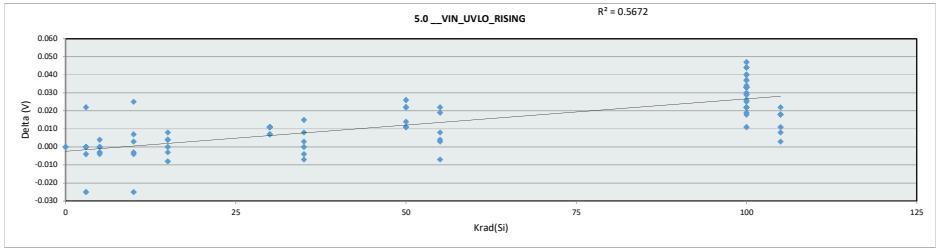
LDR TID REPORT
TPS7H2211-SP

IDENTIFIER	DESCRIPTION
0	Control Unit
3	3 krad(Si) biased
5	3 krad(Si) unbiased
10	10 krad(Si) biased
15	10 krad(Si) unbiased
30	30 krad(Si) biased
35	30 krad(Si) unbiased
50	50 krad(Si) biased
55	50 krad(Si) unbiased
100	100 krad(Si) biased
105	100 krad(Si) unbiased

LDR TID Report
TPS7H2211-SP

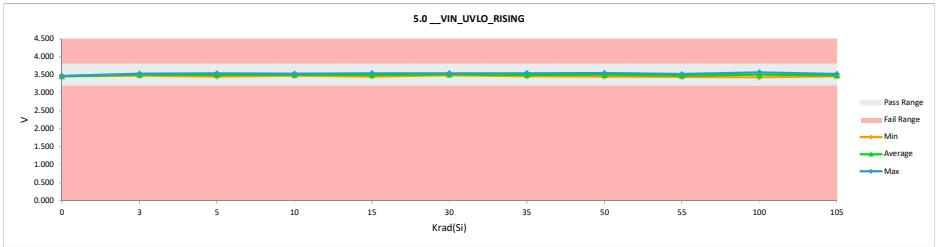
5.0 __VIN_UVLO_RISING		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.8	3.8
Min Limit	3.2	3.2

Krad(Si)	Serial #	PRE	POST	Delta
0	201	3.461	3.461	0.000
0	202	3.468	3.468	0.000
3	208	3.479	3.479	0.000
3	209	3.509	3.509	0.000
3	210	3.505	3.505	0.000
3	211	3.534	3.509	-0.025
3	212	3.509	3.531	0.022
3	213	3.509	3.505	-0.004
5	214	3.512	3.512	0.000
5	215	3.446	3.450	0.004
5	216	3.545	3.542	-0.003
5	217	3.498	3.494	-0.004
5	218	3.512	3.509	-0.003
5	219	3.472	3.472	0.000
10	220	3.479	3.476	-0.003
10	221	3.509	3.512	0.003
10	222	3.505	3.512	0.007
10	223	3.534	3.509	-0.025
10	224	3.509	3.534	0.025
10	225	3.509	3.505	-0.004
15	226	3.512	3.516	0.004
15	227	3.446	3.454	0.008
15	228	3.545	3.545	0.000
15	229	3.498	3.490	-0.008
15	230	3.512	3.509	-0.003
15	231	3.472	3.476	0.004
30	232	3.479	3.490	0.011
30	233	3.509	3.516	0.007
30	234	3.505	3.516	0.011
30	235	3.509	3.520	0.011
30	236	3.534	3.545	0.011
30	237	3.509	3.516	0.007
35	238	3.512	3.520	0.008
35	239	3.446	3.461	0.015
35	240	3.545	3.545	0.000
35	241	3.498	3.501	0.003
35	242	3.512	3.505	-0.007
35	243	3.472	3.468	-0.004
50	244	3.479	3.505	0.026
50	245	3.439	3.450	0.011
50	246	3.527	3.549	0.022
50	247	3.512	3.534	0.022
50	248	3.509	3.523	0.014
50	249	3.457	3.468	0.011
55	251	3.512	3.520	0.008
55	253	3.442	3.446	0.004
55	254	3.472	3.465	-0.007
55	255	3.446	3.465	0.019
55	258	3.465	3.468	0.003
55	259	3.476	3.498	0.022
100	261	3.476	3.505	0.029
100	262	3.442	3.476	0.034
100	264	3.498	3.523	0.025
100	265	3.398	3.431	0.033
100	266	3.512	3.534	0.022
100	267	3.527	3.571	0.044
100	268	3.501	3.538	0.037
100	269	3.446	3.479	0.033
100	270	3.527	3.557	0.030
100	271	3.465	3.498	0.033
100	272	3.483	3.509	0.026
100	273	3.450	3.472	0.022
100	274	3.439	3.479	0.040
100	275	3.472	3.512	0.040
100	277	3.454	3.465	0.011
100	278	3.505	3.549	0.044
100	279	3.461	3.494	0.033
100	280	3.483	3.512	0.029
100	281	3.446	3.479	0.033
100	282	3.527	3.545	0.018
100	283	3.454	3.501	0.047
100	284	3.479	3.501	0.022
100	285	3.483	3.520	0.037
100	286	3.490	3.509	0.019
105	287	3.494	3.512	0.018
105	289	3.487	3.490	0.003
105	290	3.450	3.461	0.011
105	291	3.450	3.472	0.022
105	292	3.490	3.498	0.008
105	293	3.505	3.523	0.018
	Max	3.545	3.571	0.047
	Average	3.488	3.501	0.013
	Min	3.398	3.431	-0.025
	Std Dev	0.031	0.029	0.016



5.0 __VIN_UVLO_RISING		
Test Site		
Tester		
Test Number		
Max Limit	3.8	V
Min Limit	3.2	V

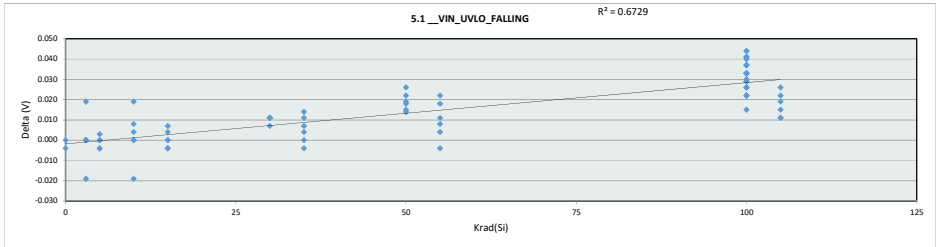
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200
Min	3.461	3.479	3.450	3.476	3.454	3.490	3.461	3.450	3.446	3.431	3.461
Average	3.465	3.506	3.497	3.508	3.498	3.517	3.500	3.505	3.477	3.507	3.493
Max	3.468	3.531	3.542	3.534	3.545	3.545	3.545	3.549	3.520	3.571	3.523
UL	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800



LDR TID Report
TPS7H2211-SP

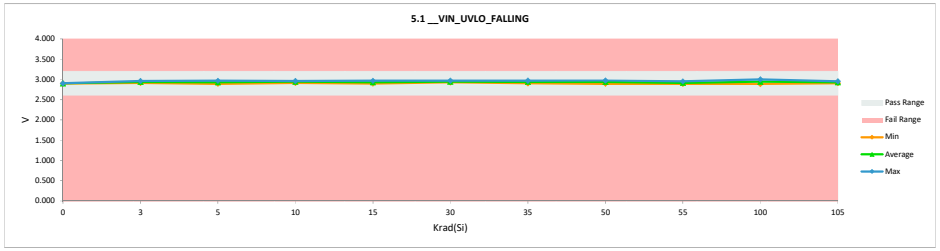
5.1 __VIN_UVLO_FALLING		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	3.2	3.2
Min Limit	2.6	2.6

Krad(Si)	Serial #	PRE	POST	Delta
0	201	2.902	2.902	0.000
0	202	2.909	2.905	-0.004
3	208	2.916	2.916	0.000
3	209	2.942	2.942	0.000
3	210	2.938	2.938	0.000
3	211	2.961	2.942	-0.019
3	212	2.942	2.961	0.019
3	213	2.938	2.938	0.000
5	214	2.942	2.942	0.000
5	215	2.891	2.894	0.003
5	216	2.968	2.968	0.000
5	217	2.931	2.927	-0.004
5	218	2.942	2.938	-0.004
5	219	2.913	2.913	0.000
10	220	2.916	2.916	0.000
10	221	2.942	2.946	0.004
10	222	2.938	2.946	0.008
10	223	2.961	2.942	-0.019
10	224	2.942	2.961	0.019
10	225	2.938	2.938	0.000
15	226	2.942	2.946	0.004
15	227	2.891	2.898	0.007
15	228	2.968	2.968	0.000
15	229	2.931	2.927	-0.004
15	230	2.942	2.938	-0.004
15	231	2.913	2.913	0.000
30	232	2.916	2.927	0.011
30	233	2.942	2.949	0.007
30	234	2.938	2.949	0.011
30	235	2.942	2.953	0.011
30	236	2.961	2.972	0.011
30	237	2.938	2.949	0.011
35	238	2.942	2.953	0.011
35	239	2.891	2.905	0.014
35	240	2.968	2.972	0.004
35	241	2.931	2.938	0.007
35	242	2.942	2.938	-0.004
35	243	2.913	2.913	0.000
50	244	2.916	2.942	0.026
50	245	2.880	2.894	0.014
50	246	2.953	2.975	0.022
50	247	2.946	2.964	0.018
50	248	2.938	2.957	0.019
50	249	2.894	2.909	0.015
55	251	2.942	2.953	0.011
55	253	2.887	2.891	0.004
55	254	2.909	2.905	-0.004
55	255	2.891	2.909	0.018
55	258	2.905	2.913	0.008
55	259	2.916	2.938	0.022
100	261	2.913	2.946	0.033
100	262	2.887	2.924	0.037
100	264	2.931	2.961	0.030
100	265	2.850	2.887	0.037
100	266	2.942	2.968	0.026
100	267	2.957	3.001	0.044
100	268	2.935	2.972	0.037
100	269	2.891	2.924	0.033
100	270	2.957	2.986	0.029
100	271	2.905	2.938	0.033
100	272	2.920	2.946	0.026
100	273	2.894	2.916	0.022
100	274	2.883	2.924	0.041
100	275	2.913	2.953	0.040
100	277	2.894	2.909	0.015
100	278	2.938	2.979	0.041
100	279	2.902	2.931	0.029
100	280	2.920	2.949	0.029
100	281	2.891	2.924	0.033
100	282	2.953	2.975	0.022
100	283	2.894	2.938	0.044
100	284	2.916	2.942	0.026
100	285	2.920	2.953	0.033
100	286	2.927	2.949	0.022
105	287	2.927	2.949	0.022
105	289	2.920	2.931	0.011
105	290	2.894	2.909	0.015
105	291	2.894	2.920	0.026
105	292	2.927	2.938	0.011
105	293	2.938	2.957	0.019
Max		2.968	3.001	0.044
Average		2.924	2.938	0.014
Min		2.850	2.887	-0.019
Std Dev		0.025	0.024	0.015



5.1 __VIN_UVLO_FALLING		
Test Site		
Tester		
Test Number		
Max Limit	3.2	V
Min Limit	2.6	V

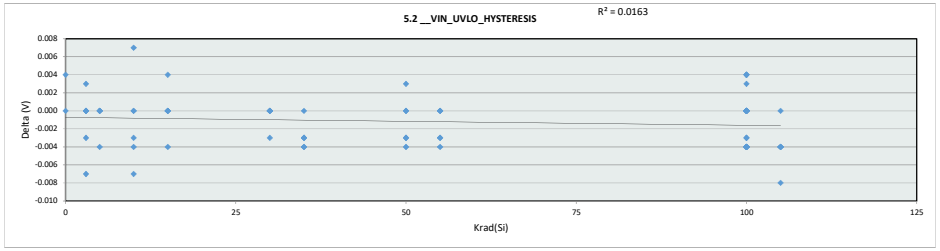
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600
Min	2.902	2.916	2.894	2.916	2.898	2.927	2.905	2.894	2.891	2.887	2.909
Average	2.904	2.940	2.930	2.942	2.932	2.950	2.937	2.940	2.918	2.946	2.934
Max	2.905	2.961	2.968	2.961	2.968	2.972	2.972	2.975	2.953	3.001	2.957
UL	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200



LDR TID Report
TPS7H2211-SP

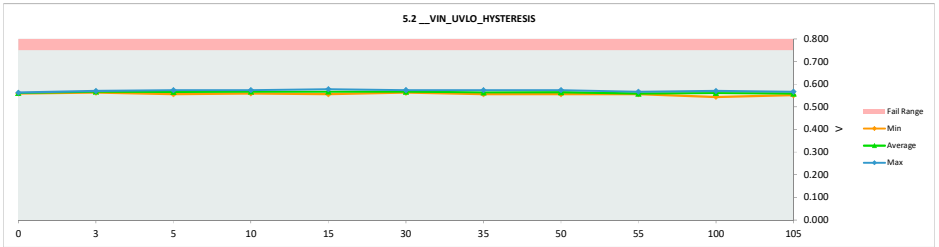
5.2 __VIN_UVLO_HYSTERESIS		
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.75	0.75
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	0.559	0.559	0.000
0	202	0.559	0.563	0.004
3	208	0.563	0.563	0.000
3	209	0.567	0.567	0.000
3	210	0.567	0.567	0.000
3	211	0.574	0.567	-0.007
3	212	0.567	0.570	0.003
3	213	0.570	0.567	-0.003
5	214	0.570	0.570	0.000
5	215	0.556	0.556	0.000
5	216	0.578	0.574	-0.004
5	217	0.567	0.567	0.000
5	218	0.570	0.570	0.000
5	219	0.559	0.559	0.000
10	220	0.563	0.559	-0.004
10	221	0.567	0.567	0.000
10	222	0.567	0.567	0.000
10	223	0.574	0.567	-0.007
10	224	0.567	0.574	0.007
10	225	0.570	0.567	-0.003
15	226	0.570	0.570	0.000
15	227	0.556	0.556	0.000
15	228	0.578	0.578	0.000
15	229	0.567	0.563	-0.004
15	230	0.570	0.570	0.000
15	231	0.559	0.563	0.004
30	232	0.563	0.563	0.000
30	233	0.567	0.567	0.000
30	234	0.567	0.567	0.000
30	235	0.567	0.567	0.000
30	236	0.574	0.574	0.000
30	237	0.570	0.567	-0.003
35	238	0.570	0.567	-0.003
35	239	0.556	0.556	0.000
35	240	0.578	0.574	-0.004
35	241	0.567	0.563	-0.004
35	242	0.570	0.567	-0.003
35	243	0.559	0.556	-0.003
50	244	0.563	0.563	0.000
50	245	0.559	0.556	-0.003
50	246	0.574	0.574	0.000
50	247	0.567	0.570	0.003
50	248	0.570	0.567	-0.003
50	249	0.563	0.559	-0.004
55	251	0.570	0.567	-0.003
55	253	0.556	0.556	0.000
55	254	0.563	0.559	-0.004
55	255	0.556	0.556	0.000
55	258	0.559	0.556	-0.003
55	259	0.559	0.559	0.000
100	261	0.563	0.559	-0.004
100	262	0.556	0.552	-0.004
100	264	0.567	0.563	-0.004
100	265	0.548	0.544	-0.004
100	266	0.570	0.567	-0.003
100	267	0.570	0.570	0.000
100	268	0.567	0.567	0.000
100	269	0.556	0.556	0.000
100	270	0.570	0.570	0.000
100	271	0.559	0.559	0.000
100	272	0.563	0.563	0.000
100	273	0.556	0.556	0.000
100	274	0.556	0.556	0.000
100	275	0.559	0.559	0.000
100	277	0.559	0.556	-0.003
100	278	0.567	0.570	0.003
100	279	0.559	0.563	0.004
100	280	0.563	0.563	0.000
100	281	0.556	0.556	0.000
100	282	0.574	0.570	-0.004
100	283	0.559	0.563	0.004
100	284	0.563	0.559	-0.004
100	285	0.563	0.567	0.004
100	286	0.563	0.559	-0.004
105	287	0.567	0.563	-0.004
105	289	0.567	0.559	-0.008
105	290	0.556	0.552	-0.004
105	291	0.556	0.552	-0.004
105	292	0.563	0.559	-0.004
105	293	0.567	0.567	0.000
Max		0.578	0.578	0.007
Average		0.565	0.563	-0.001
Min		0.548	0.544	-0.008
Std Dev		0.006	0.006	0.003



5.2 __VIN_UVLO_HYSTERESIS		
Test Site		
Tester		
Test Number		
Max Limit	0.75	V
Min Limit		V

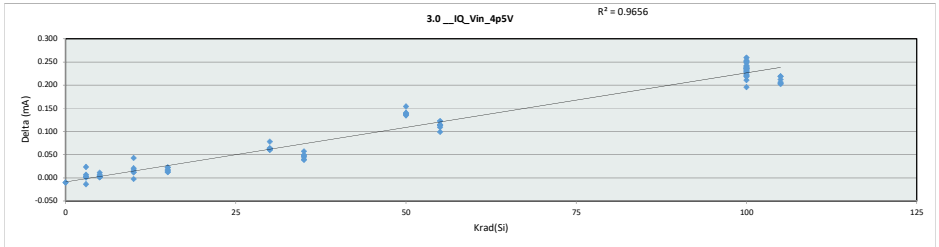
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	0.559	0.563	0.556	0.559	0.556	0.563	0.556	0.556	0.556	0.544	0.552
Average	0.561	0.567	0.566	0.567	0.567	0.568	0.564	0.565	0.559	0.561	0.559
Max	0.563	0.570	0.574	0.574	0.578	0.574	0.574	0.574	0.567	0.570	0.567
UL	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750	0.750



LDR TID Report
TPS7H2211-SP

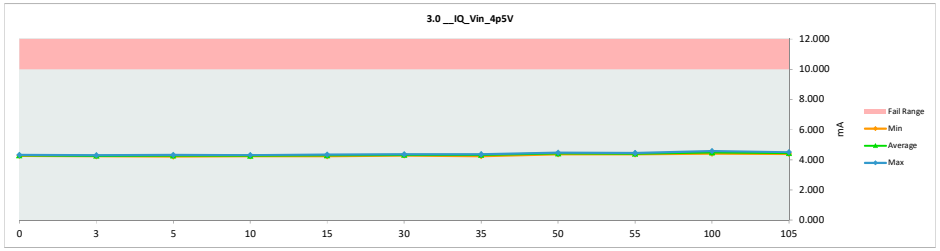
	3.0 __IQ_Vin_4p5V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	10	10
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	4.273	4.263	-0.010
0	202	4.334	4.325	-0.010
3	208	4.279	4.283	0.004
3	209	4.225	4.226	0.001
3	210	4.291	4.299	0.007
3	211	4.285	4.271	-0.014
3	212	4.266	4.290	0.024
3	213	4.224	4.226	0.002
5	214	4.321	4.322	0.001
5	215	4.303	4.307	0.004
5	216	4.207	4.210	0.003
5	217	4.318	4.326	0.007
5	218	4.309	4.311	0.001
5	219	4.226	4.238	0.012
10	220	4.279	4.296	0.017
10	221	4.225	4.238	0.013
10	222	4.291	4.312	0.021
10	223	4.285	4.282	-0.002
10	224	4.266	4.309	0.043
10	225	4.224	4.236	0.012
15	226	4.321	4.334	0.013
15	227	4.303	4.326	0.022
15	228	4.207	4.223	0.016
15	229	4.318	4.336	0.018
15	230	4.309	4.322	0.013
15	231	4.226	4.249	0.023
30	232	4.279	4.342	0.063
30	233	4.225	4.285	0.060
30	234	4.291	4.353	0.061
30	235	4.266	4.328	0.062
30	236	4.285	4.363	0.078
30	237	4.224	4.289	0.064
35	238	4.321	4.366	0.045
35	239	4.303	4.353	0.050
35	240	4.207	4.247	0.040
35	241	4.318	4.366	0.048
35	242	4.309	4.348	0.039
35	243	4.226	4.284	0.057
50	244	4.263	4.398	0.135
50	245	4.272	4.412	0.140
50	246	4.305	4.443	0.138
50	247	4.225	4.362	0.136
50	248	4.332	4.471	0.139
50	249	4.311	4.465	0.154
55	251	4.258	4.373	0.114
55	253	4.267	4.366	0.099
55	254	4.285	4.394	0.109
55	255	4.308	4.431	0.123
55	258	4.270	4.384	0.113
55	259	4.325	4.439	0.115
100	261	4.211	4.454	0.242
100	262	4.279	4.519	0.241
100	264	4.255	4.515	0.260
100	265	4.248	4.486	0.238
100	266	4.279	4.529	0.251
100	267	4.300	4.548	0.248
100	268	4.235	4.467	0.232
100	269	4.323	4.574	0.252
100	270	4.243	4.472	0.229
100	271	4.280	4.517	0.236
100	272	4.301	4.555	0.254
100	273	4.286	4.521	0.235
100	274	4.249	4.486	0.236
100	275	4.311	4.531	0.220
100	277	4.236	4.447	0.211
100	278	4.298	4.517	0.218
100	279	4.199	4.429	0.229
100	280	4.267	4.506	0.239
100	281	4.187	4.420	0.233
100	282	4.321	4.556	0.235
100	283	4.240	4.460	0.220
100	284	4.281	4.505	0.223
100	285	4.208	4.404	0.196
100	286	4.301	4.529	0.227
105	287	4.243	4.462	0.219
105	289	4.182	4.389	0.207
105	290	4.241	4.446	0.204
105	291	4.259	4.478	0.219
105	292	4.223	4.435	0.212
105	293	4.298	4.501	0.202
	Max	4.334	4.574	0.260
	Average	4.270	4.386	0.116
	Min	4.182	4.210	-0.014
	Std Dev	0.039	0.099	0.097



	3.0 __IQ_Vin_4p5V	
Test Site		
Tester		
Test Number		
Max Limit	10	mA
Min Limit		mA

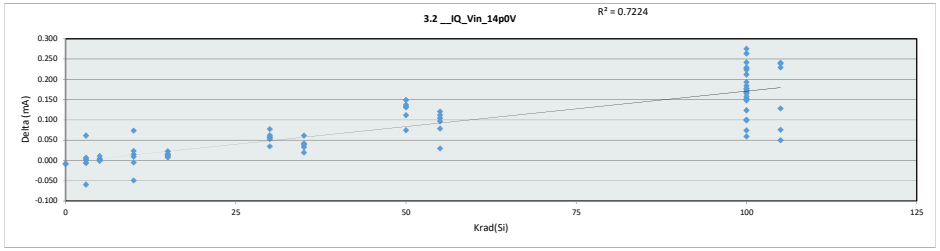
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	4.263	4.226	4.211	4.236	4.223	4.285	4.247	4.362	4.366	4.404	4.389
Average	4.294	4.266	4.286	4.279	4.298	4.327	4.327	4.425	4.398	4.498	4.452
Max	4.325	4.299	4.326	4.312	4.336	4.363	4.367	4.471	4.440	4.574	4.501
UL	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000



LDR TID Report
TPS7H2211-SP

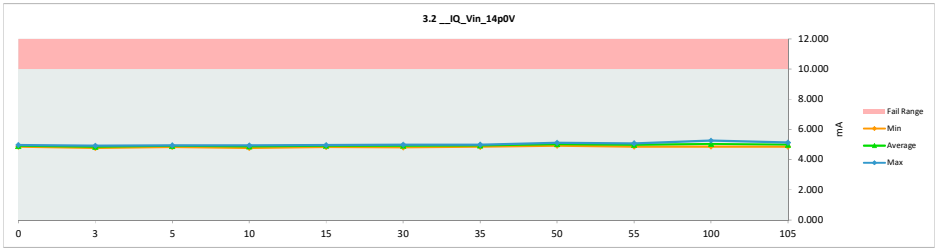
3.2 __IQ_Vin_14p0V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	10	10
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	4.866	4.859	-0.007
0	202	4.983	4.973	-0.009
3	208	4.878	4.879	0.002
3	209	4.778	4.772	-0.006
3	210	4.918	4.925	0.006
3	211	4.859	4.920	0.061
3	212	4.918	4.859	-0.059
3	213	4.851	4.852	0.001
5	214	4.945	4.944	-0.001
5	215	4.924	4.926	0.002
5	216	4.834	4.836	0.002
5	217	4.948	4.953	0.004
5	218	4.932	4.932	0.000
5	219	4.870	4.880	0.011
10	220	4.878	4.893	0.015
10	221	4.778	4.773	-0.005
10	222	4.918	4.942	0.024
10	223	4.859	4.933	0.074
10	224	4.918	4.869	-0.049
10	225	4.851	4.860	0.009
15	226	4.945	4.958	0.013
15	227	4.924	4.938	0.014
15	228	4.834	4.843	0.009
15	229	4.948	4.965	0.016
15	230	4.932	4.940	0.008
15	231	4.870	4.892	0.023
30	232	4.878	4.935	0.057
30	233	4.778	4.813	0.035
30	234	4.918	4.996	0.077
30	235	4.918	4.975	0.057
30	236	4.859	4.912	0.053
30	237	4.851	4.913	0.062
35	238	4.945	4.978	0.033
35	239	4.924	4.964	0.040
35	240	4.834	4.853	0.020
35	241	4.948	4.990	0.042
35	242	4.932	4.971	0.039
35	243	4.870	4.931	0.061
50	244	4.889	5.001	0.112
50	245	4.859	4.933	0.075
50	246	4.966	5.099	0.133
50	247	4.869	5.018	0.149
50	248	4.990	5.121	0.131
50	249	4.916	5.053	0.137
55	251	4.870	4.975	0.105
55	253	4.901	4.979	0.079
55	254	4.844	4.873	0.029
55	255	4.942	5.054	0.112
55	258	4.917	5.014	0.097
55	259	4.960	5.081	0.121
100	261	4.800	4.948	0.148
100	262	4.837	4.989	0.152
100	264	4.906	5.148	0.242
100	265	4.887	5.057	0.170
100	266	4.934	5.198	0.264
100	267	4.895	5.071	0.176
100	268	4.857	5.069	0.212
100	269	4.984	5.260	0.275
100	270	4.798	4.872	0.074
100	271	4.912	5.078	0.166
100	272	4.897	4.996	0.099
100	273	4.898	5.063	0.166
100	274	4.879	5.106	0.227
100	275	4.935	5.159	0.223
100	277	4.859	5.043	0.184
100	278	4.878	4.979	0.100
100	279	4.816	4.974	0.157
100	280	4.872	4.995	0.124
100	281	4.765	4.935	0.170
100	282	4.837	4.896	0.059
100	283	4.827	5.020	0.193
100	284	4.889	5.067	0.178
100	285	4.822	4.973	0.151
100	286	4.938	5.168	0.229
105	287	4.856	5.096	0.241
105	289	4.811	5.040	0.229
105	290	4.791	4.866	0.076
105	291	4.893	5.132	0.239
105	292	4.822	4.950	0.128
105	293	4.860	4.910	0.050
	Max	4.990	5.260	0.275
	Average	4.884	4.973	0.089
	Min	4.765	4.772	-0.059
	Std Dev	0.052	0.097	0.083



3.2 __IQ_Vin_14p0V		
Test Site		
Tester		
Test Number		
Max Limit	10	mA
Min Limit		mA

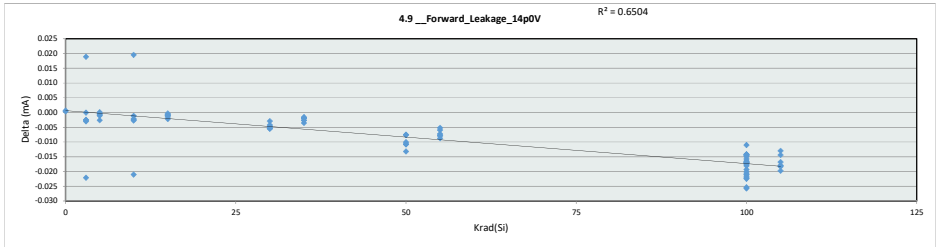
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	4.859	4.772	4.836	4.773	4.843	4.813	4.854	4.933	4.873	4.872	4.866
Average	4.916	4.868	4.912	4.878	4.922	4.924	4.948	5.037	4.996	5.044	4.999
Max	4.974	4.925	4.953	4.942	4.965	4.996	4.991	5.121	5.081	5.260	5.132
UL	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000



LDR TID Report
TPS7H2211-SP

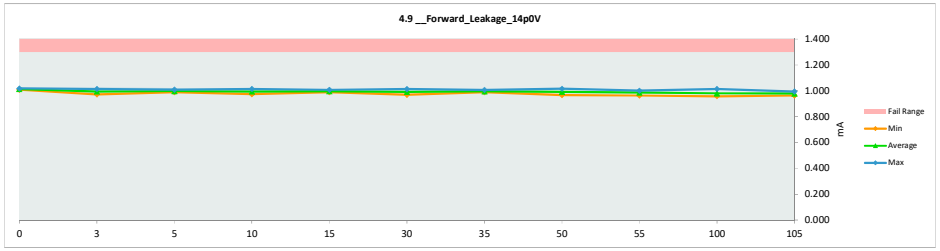
	4.9 __Forward_Leakage_14p0V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	1.3	1.3
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	1.007	1.008	0.000
0	202	1.018	1.018	0.001
3	208	0.992	0.992	0.000
3	209	0.987	0.984	-0.003
3	210	1.010	1.007	-0.002
3	211	0.975	0.994	0.019
3	212	0.995	0.973	-0.022
3	213	1.017	1.014	-0.003
5	214	0.992	0.993	0.000
5	215	1.009	1.009	0.000
5	216	0.999	0.998	-0.001
5	217	1.006	1.006	0.000
5	218	0.990	0.989	-0.001
5	219	0.993	0.991	-0.003
10	220	0.992	0.991	-0.001
10	221	0.987	0.985	-0.002
10	222	1.010	1.007	-0.002
10	223	0.975	0.994	0.020
10	224	0.995	0.974	-0.021
10	225	1.017	1.014	-0.003
15	226	0.992	0.991	-0.001
15	227	1.009	1.008	-0.001
15	228	0.999	0.998	0.000
15	229	1.006	1.006	-0.001
15	230	0.990	0.989	-0.001
15	231	0.993	0.991	-0.002
30	232	0.992	0.987	-0.005
30	233	0.987	0.982	-0.006
30	234	1.010	1.005	-0.005
30	235	0.995	0.992	-0.003
30	236	0.975	0.970	-0.005
30	237	1.017	1.013	-0.004
35	238	0.992	0.991	-0.002
35	239	1.009	1.007	-0.002
35	240	0.999	0.996	-0.003
35	241	1.006	1.004	-0.002
35	242	0.990	0.989	-0.002
35	243	0.993	0.990	-0.004
50	244	0.998	0.991	-0.008
50	245	0.978	0.967	-0.011
50	246	0.997	0.986	-0.011
50	247	0.998	0.988	-0.010
50	248	1.012	1.004	-0.007
50	249	1.029	1.016	-0.013
55	251	0.971	0.963	-0.008
55	253	1.007	0.999	-0.008
55	254	0.994	0.985	-0.009
55	255	0.986	0.980	-0.006
55	258	1.008	1.000	-0.007
55	259	1.006	1.001	-0.005
100	261	0.994	0.971	-0.022
100	262	1.017	0.991	-0.026
100	264	0.997	0.981	-0.017
100	265	1.002	0.982	-0.020
100	266	0.984	0.970	-0.014
100	267	0.998	0.979	-0.019
100	268	0.982	0.966	-0.016
100	269	1.003	0.983	-0.021
100	270	0.994	0.972	-0.022
100	271	0.981	0.966	-0.015
100	272	1.013	0.995	-0.017
100	273	0.987	0.970	-0.017
100	274	1.005	0.984	-0.022
100	275	0.989	0.974	-0.015
100	277	1.017	1.003	-0.014
100	278	1.029	1.012	-0.016
100	279	0.980	0.962	-0.018
100	280	1.012	0.995	-0.017
100	281	0.997	0.978	-0.018
100	282	1.010	0.985	-0.025
100	283	1.025	1.014	-0.011
100	284	0.972	0.958	-0.014
100	285	0.978	0.962	-0.017
100	286	1.006	0.985	-0.021
105	287	1.013	0.995	-0.018
105	289	0.979	0.965	-0.014
105	290	0.981	0.964	-0.017
105	291	1.002	0.989	-0.013
105	292	0.988	0.970	-0.018
105	293	1.012	0.993	-0.020
	Max	1.029	1.018	0.020
	Average	0.998	0.989	-0.009
	Min	0.971	0.958	-0.026
	Std Dev	0.013	0.015	0.009



	4.9 __Forward_Leakage_14p0V	
Test Site		
Tester		
Test Number		
Max Limit	1.3	mA
Min Limit		mA

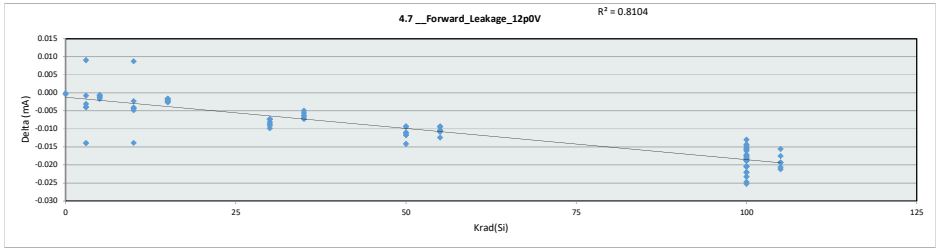
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	1.008	0.973	0.989	0.974	0.989	0.970	0.989	0.967	0.963	0.958	0.964
Average	1.013	0.994	0.997	0.994	0.997	0.991	0.996	0.992	0.988	0.981	0.979
Max	1.018	1.014	1.009	1.014	1.008	1.013	1.007	1.016	1.001	1.014	0.995
UL	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300



LDR TID Report
TPS7H2211-SP

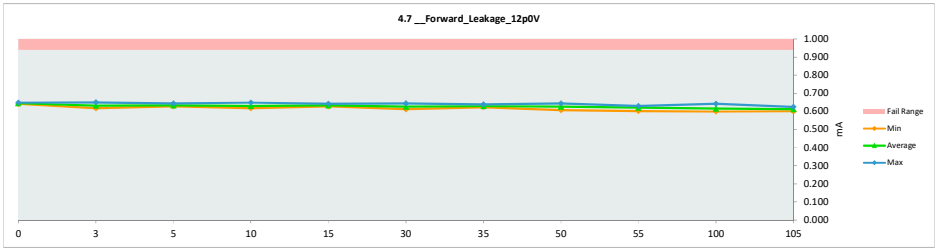
	4.7 __Forward_Leakage_12p0V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	0.94	0.94
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	0.642	0.641	0.000
0	202	0.649	0.649	0.000
3	208	0.626	0.625	-0.001
3	209	0.630	0.626	-0.004
3	210	0.644	0.640	-0.003
3	211	0.620	0.629	0.009
3	212	0.631	0.617	-0.014
3	213	0.654	0.650	-0.004
5	214	0.633	0.632	-0.001
5	215	0.644	0.644	-0.001
5	216	0.637	0.636	-0.001
5	217	0.638	0.637	-0.001
5	218	0.629	0.629	-0.001
5	219	0.630	0.629	-0.002
10	220	0.626	0.624	-0.002
10	221	0.630	0.626	-0.004
10	222	0.644	0.639	-0.004
10	223	0.620	0.629	0.009
10	224	0.631	0.617	-0.014
10	225	0.654	0.649	-0.005
15	226	0.633	0.631	-0.003
15	227	0.644	0.643	-0.002
15	228	0.637	0.635	-0.002
15	229	0.638	0.635	-0.002
15	230	0.629	0.628	-0.002
15	231	0.630	0.628	-0.003
30	232	0.626	0.619	-0.007
30	233	0.630	0.621	-0.010
30	234	0.644	0.635	-0.009
30	235	0.631	0.624	-0.007
30	236	0.620	0.612	-0.008
30	237	0.654	0.644	-0.009
35	238	0.633	0.627	-0.006
35	239	0.644	0.638	-0.006
35	240	0.637	0.630	-0.007
35	241	0.638	0.632	-0.006
35	242	0.629	0.624	-0.005
35	243	0.630	0.623	-0.007
50	244	0.637	0.628	-0.009
50	245	0.618	0.607	-0.011
50	246	0.630	0.619	-0.011
50	247	0.637	0.625	-0.012
50	248	0.646	0.637	-0.009
50	249	0.659	0.644	-0.014
55	251	0.612	0.602	-0.010
55	253	0.640	0.629	-0.011
55	254	0.634	0.622	-0.012
55	255	0.622	0.612	-0.009
55	258	0.640	0.630	-0.010
55	259	0.639	0.630	-0.009
100	261	0.631	0.608	-0.023
100	262	0.648	0.622	-0.025
100	264	0.636	0.618	-0.017
100	265	0.639	0.616	-0.022
100	266	0.628	0.613	-0.015
100	267	0.633	0.614	-0.019
100	268	0.621	0.605	-0.016
100	269	0.636	0.615	-0.020
100	270	0.631	0.609	-0.022
100	271	0.624	0.606	-0.017
100	272	0.643	0.625	-0.018
100	273	0.624	0.605	-0.019
100	274	0.637	0.618	-0.019
100	275	0.629	0.614	-0.014
100	277	0.650	0.634	-0.016
100	278	0.655	0.639	-0.016
100	279	0.621	0.604	-0.018
100	280	0.646	0.626	-0.020
100	281	0.632	0.614	-0.018
100	282	0.642	0.617	-0.025
100	283	0.655	0.642	-0.013
100	284	0.613	0.599	-0.015
100	285	0.620	0.602	-0.018
100	286	0.639	0.619	-0.020
105	287	0.641	0.622	-0.019
105	289	0.622	0.604	-0.018
105	290	0.620	0.601	-0.019
105	291	0.635	0.619	-0.016
105	292	0.624	0.604	-0.021
105	293	0.646	0.624	-0.021
	Max	0.659	0.650	0.009
	Average	0.635	0.624	-0.010
	Min	0.612	0.599	-0.025
	Std Dev	0.010	0.013	0.008



	4.7 __Forward_Leakage_12p0V	
Test Site		
Tester		
Test Number		
Max Limit	0.94	mA
Min Limit		mA

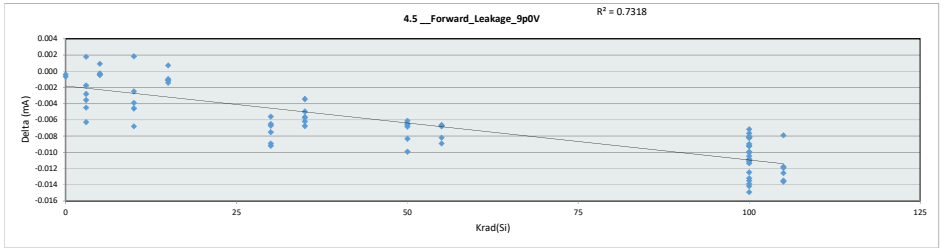
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	0.641	0.617	0.629	0.617	0.628	0.612	0.623	0.607	0.602	0.599	0.601
Average	0.645	0.631	0.634	0.631	0.633	0.626	0.629	0.627	0.621	0.616	0.612
Max	0.649	0.650	0.644	0.649	0.643	0.644	0.638	0.644	0.630	0.642	0.624
UL	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940	0.940



LDR TID Report
TPS7H2211-SP

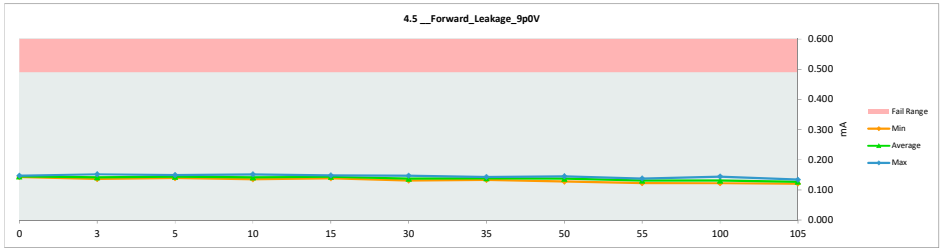
	4.5 __Forward_Leakage_9p0V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	0.49	0.49
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	0.143	0.143	0.000
0	202	0.148	0.147	-0.001
3	208	0.140	0.139	-0.002
3	209	0.148	0.144	-0.004
3	210	0.146	0.144	-0.003
3	211	0.142	0.136	-0.006
3	212	0.138	0.140	0.002
3	213	0.156	0.152	-0.004
5	214	0.147	0.146	0.000
5	215	0.150	0.149	0.000
5	216	0.148	0.147	0.000
5	217	0.140	0.140	0.000
5	218	0.141	0.142	0.001
5	219	0.139	0.139	0.000
10	220	0.140	0.138	-0.002
10	221	0.148	0.143	-0.005
10	222	0.146	0.143	-0.004
10	223	0.142	0.135	-0.007
10	224	0.138	0.140	0.002
10	225	0.156	0.152	-0.005
15	226	0.147	0.145	-0.001
15	227	0.150	0.149	-0.001
15	228	0.148	0.147	-0.001
15	229	0.140	0.139	-0.001
15	230	0.141	0.142	0.001
15	231	0.139	0.138	-0.001
30	232	0.140	0.135	-0.006
30	233	0.148	0.139	-0.009
30	234	0.146	0.139	-0.008
30	235	0.138	0.131	-0.007
30	236	0.142	0.136	-0.007
30	237	0.156	0.147	-0.009
35	238	0.147	0.141	-0.006
35	239	0.150	0.143	-0.006
35	240	0.148	0.141	-0.007
35	241	0.140	0.135	-0.005
35	242	0.141	0.138	-0.003
35	243	0.139	0.134	-0.006
50	244	0.145	0.138	-0.006
50	245	0.135	0.128	-0.007
50	246	0.138	0.132	-0.007
50	247	0.147	0.139	-0.008
50	248	0.150	0.144	-0.006
50	249	0.155	0.145	-0.010
55	251	0.130	0.123	-0.007
55	253	0.143	0.135	-0.008
55	254	0.144	0.135	-0.009
55	255	0.129	0.123	-0.007
55	258	0.144	0.138	-0.007
55	259	0.143	0.136	-0.007
100	261	0.140	0.126	-0.014
100	262	0.148	0.133	-0.015
100	264	0.143	0.135	-0.008
100	265	0.143	0.130	-0.013
100	266	0.143	0.135	-0.008
100	267	0.144	0.133	-0.010
100	268	0.135	0.127	-0.008
100	269	0.145	0.134	-0.011
100	270	0.142	0.128	-0.014
100	271	0.139	0.130	-0.009
100	272	0.146	0.135	-0.011
100	273	0.132	0.122	-0.010
100	274	0.142	0.133	-0.009
100	275	0.142	0.134	-0.007
100	277	0.149	0.140	-0.009
100	278	0.144	0.136	-0.008
100	279	0.136	0.125	-0.011
100	280	0.144	0.132	-0.012
100	281	0.143	0.133	-0.010
100	282	0.142	0.129	-0.013
100	283	0.152	0.144	-0.008
100	284	0.133	0.125	-0.008
100	285	0.136	0.125	-0.011
100	286	0.143	0.132	-0.011
105	287	0.140	0.128	-0.012
105	289	0.136	0.124	-0.012
105	290	0.134	0.121	-0.014
105	291	0.141	0.134	-0.008
105	292	0.136	0.123	-0.014
105	293	0.147	0.134	-0.013
	Max	0.156	0.152	0.002
	Average	0.143	0.136	-0.007
	Min	0.129	0.121	-0.015
	Std Dev	0.006	0.007	0.004



	4.5 __Forward_Leakage_9p0V	
Test Site		
Tester		
Test Number		
Max Limit	0.49	mA
Min Limit		mA

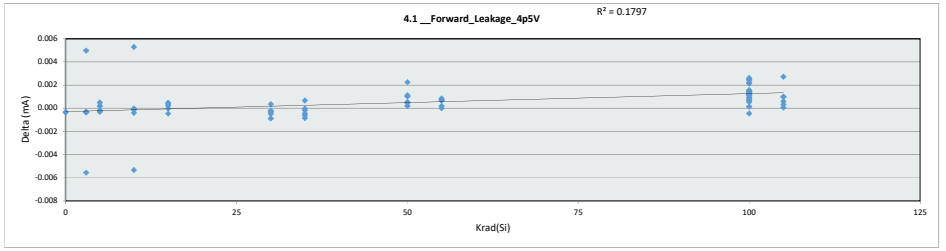
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	0.143	0.136	0.139	0.135	0.138	0.131	0.134	0.128	0.123	0.122	0.121
Average	0.145	0.142	0.144	0.142	0.143	0.138	0.139	0.138	0.132	0.131	0.127
Max	0.147	0.152	0.149	0.152	0.149	0.147	0.143	0.145	0.138	0.144	0.134
UL	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490



LDR TID Report
TPS7H2211-SP

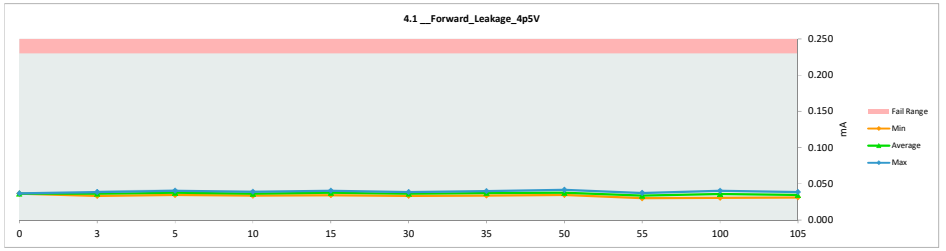
	4.1 __Forward_Leakage_4p5V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	0.23	0.23
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	0.037	0.036	0.000
0	202	0.037	0.037	0.000
3	208	0.034	0.034	0.000
3	209	0.036	0.035	0.000
3	210	0.037	0.037	0.000
3	211	0.039	0.033	-0.006
3	212	0.034	0.039	0.005
3	213	0.039	0.038	0.000
5	214	0.041	0.040	0.000
5	215	0.040	0.040	0.000
5	216	0.036	0.035	0.000
5	217	0.036	0.036	0.000
5	218	0.038	0.038	0.000
5	219	0.034	0.034	0.001
10	220	0.034	0.034	0.000
10	221	0.036	0.036	0.000
10	222	0.037	0.037	0.000
10	223	0.039	0.034	-0.005
10	224	0.034	0.039	0.005
10	225	0.039	0.039	0.000
15	226	0.041	0.040	0.000
15	227	0.040	0.040	0.000
15	228	0.036	0.036	0.000
15	229	0.036	0.036	0.000
15	230	0.038	0.039	0.000
15	231	0.034	0.034	0.000
30	232	0.034	0.035	0.000
30	233	0.036	0.035	-0.001
30	234	0.037	0.037	0.000
30	235	0.034	0.033	0.000
30	236	0.039	0.038	0.000
30	237	0.039	0.039	0.000
35	238	0.041	0.040	-0.001
35	239	0.040	0.040	0.000
35	240	0.036	0.035	-0.001
35	241	0.036	0.036	0.000
35	242	0.038	0.039	0.001
35	243	0.034	0.034	0.000
50	244	0.037	0.038	0.001
50	245	0.034	0.035	0.001
50	246	0.034	0.035	0.000
50	247	0.038	0.038	0.001
50	248	0.039	0.041	0.002
50	249	0.037	0.038	0.000
55	251	0.029	0.030	0.001
55	253	0.033	0.033	0.000
55	254	0.036	0.036	0.000
55	255	0.029	0.030	0.001
55	258	0.035	0.035	0.001
55	259	0.036	0.037	0.001
100	261	0.034	0.035	0.001
100	262	0.036	0.036	0.000
100	264	0.037	0.038	0.001
100	265	0.034	0.034	0.001
100	266	0.039	0.040	0.001
100	267	0.037	0.039	0.001
100	268	0.032	0.034	0.002
100	269	0.036	0.037	0.001
100	270	0.035	0.035	0.001
100	271	0.037	0.040	0.003
100	272	0.035	0.038	0.002
100	273	0.032	0.033	0.001
100	274	0.035	0.036	0.001
100	275	0.033	0.036	0.002
100	277	0.036	0.037	0.001
100	278	0.034	0.036	0.003
100	279	0.029	0.031	0.001
100	280	0.033	0.035	0.001
100	281	0.035	0.036	0.001
100	282	0.035	0.036	0.001
100	283	0.035	0.037	0.002
100	284	0.032	0.033	0.002
100	285	0.031	0.032	0.001
100	286	0.035	0.035	0.000
105	287	0.032	0.033	0.001
105	289	0.032	0.032	0.001
105	290	0.031	0.031	0.000
105	291	0.036	0.039	0.003
105	292	0.034	0.034	0.000
105	293	0.038	0.039	0.001
	Max	0.041	0.041	0.005
	Average	0.036	0.036	0.001
	Min	0.029	0.030	-0.006
	Std Dev	0.003	0.003	0.001



	4.1 __Forward_Leakage_4p5V	
Test Site		
Tester		
Test Number		
Max Limit	0.23	mA
Min Limit		mA

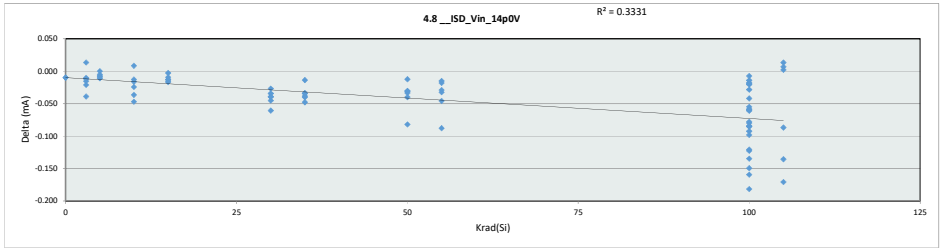
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	0.036	0.033	0.034	0.034	0.034	0.033	0.034	0.035	0.030	0.031	0.031
Average	0.037	0.036	0.038	0.036	0.038	0.036	0.037	0.037	0.034	0.036	0.035
Max	0.037	0.039	0.040	0.039	0.040	0.039	0.040	0.041	0.037	0.040	0.039
UL	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230



LDR TID Report
TPS7H2211-SP

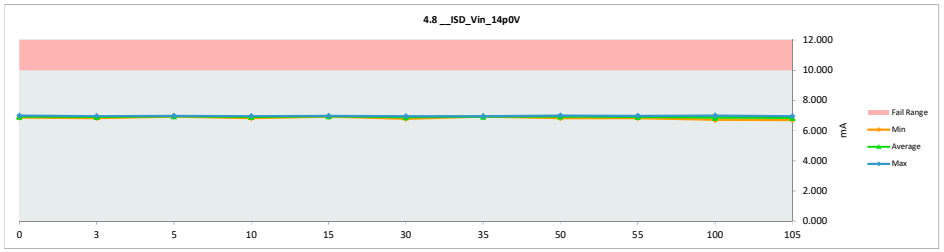
	4.8 __ISD_Vin_14p0V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	10	10
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	6.872	6.863	-0.010
0	202	6.997	6.987	-0.010
3	208	6.923	6.912	-0.010
3	209	6.853	6.832	-0.021
3	210	6.978	6.967	-0.011
3	211	6.910	6.923	0.014
3	212	6.935	6.896	-0.039
3	213	6.959	6.944	-0.015
5	214	6.971	6.961	-0.010
5	215	6.965	6.958	-0.007
5	216	6.971	6.964	-0.008
5	217	6.982	6.977	-0.005
5	218	6.971	6.960	-0.011
5	219	6.934	6.934	0.000
10	220	6.923	6.906	-0.016
10	221	6.853	6.816	-0.036
10	222	6.978	6.966	-0.013
10	223	6.910	6.918	0.009
10	224	6.935	6.888	-0.047
10	225	6.959	6.935	-0.024
15	226	6.971	6.958	-0.013
15	227	6.965	6.952	-0.013
15	228	6.971	6.956	-0.015
15	229	6.982	6.973	-0.009
15	230	6.971	6.954	-0.017
15	231	6.934	6.931	-0.003
30	232	6.923	6.883	-0.039
30	233	6.853	6.792	-0.061
30	234	6.978	6.952	-0.027
30	235	6.935	6.895	-0.039
30	236	6.910	6.865	-0.045
30	237	6.959	6.925	-0.034
35	238	6.971	6.931	-0.040
35	239	6.965	6.931	-0.034
35	240	6.971	6.924	-0.048
35	241	6.982	6.944	-0.038
35	242	6.971	6.937	-0.034
35	243	6.934	6.920	-0.014
50	244	6.948	6.908	-0.040
50	245	6.897	6.815	-0.082
50	246	6.985	6.955	-0.030
50	247	6.958	6.946	-0.012
50	248	7.030	6.997	-0.033
50	249	7.024	6.993	-0.031
55	251	6.902	6.872	-0.029
55	253	6.986	6.941	-0.046
55	254	6.919	6.831	-0.088
55	255	6.941	6.923	-0.018
55	258	6.941	6.909	-0.032
55	259	6.992	6.977	-0.015
100	261	6.893	6.795	-0.098
100	262	6.913	6.793	-0.121
100	264	6.970	6.950	-0.020
100	265	6.943	6.858	-0.085
100	266	6.981	6.967	-0.014
100	267	6.908	6.828	-0.080
100	268	6.908	6.867	-0.042
100	269	6.992	6.985	-0.007
100	270	6.873	6.714	-0.159
100	271	6.966	6.882	-0.084
100	272	6.954	6.805	-0.149
100	273	6.927	6.842	-0.085
100	274	6.966	6.938	-0.028
100	275	7.006	6.988	-0.018
100	277	6.947	6.886	-0.061
100	278	6.907	6.772	-0.135
100	279	6.897	6.804	-0.092
100	280	6.959	6.837	-0.122
100	281	6.888	6.810	-0.078
100	282	6.893	6.711	-0.182
100	283	6.919	6.864	-0.055
100	284	6.929	6.870	-0.058
100	285	6.902	6.843	-0.059
100	286	6.972	6.953	-0.019
105	287	6.949	6.956	0.007
105	289	6.875	6.888	0.013
105	290	6.839	6.703	-0.135
105	291	6.917	6.919	0.002
105	292	6.919	6.832	-0.087
105	293	6.909	6.738	-0.171
Max		7.030	6.997	0.014
Average		6.941	6.897	-0.043
Min		6.839	6.703	-0.182
Std Dev		0.041	0.071	0.044



	4.8 __ISD_Vin_14p0V	
Test Site		
Tester		
Test Number		
Max Limit	10	mA
Min Limit		mA

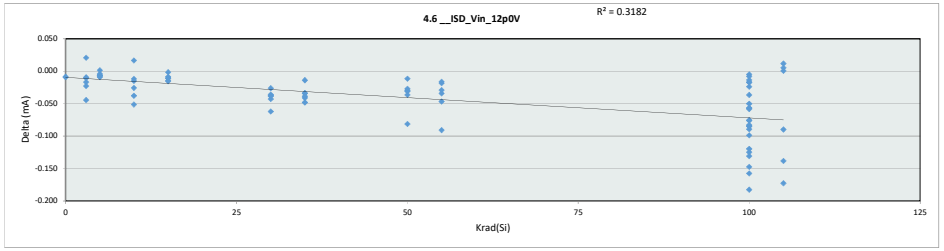
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	6.863	6.832	6.934	6.816	6.931	6.792	6.920	6.815	6.831	6.711	6.703
Average	6.925	6.912	6.959	6.905	6.954	6.885	6.931	6.936	6.909	6.857	6.839
Max	6.987	6.967	6.977	6.966	6.973	6.952	6.944	6.997	6.977	6.988	6.956
UL	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000



LDR TID Report
TPS7H2211-SP

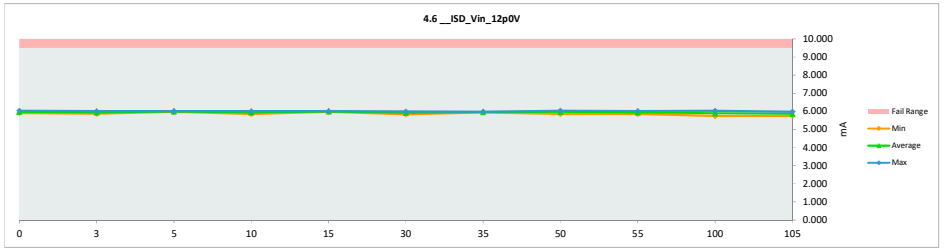
	4.6 __ISD_Vin_12p0V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	9.5	9.5
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	5.926	5.916	-0.009
0	202	6.043	6.034	-0.008
3	208	5.962	5.953	-0.010
3	209	5.898	5.875	-0.023
3	210	6.017	6.006	-0.010
3	211	5.950	5.971	0.021
3	212	5.981	5.937	-0.045
3	213	5.995	5.978	-0.017
5	214	6.011	6.003	-0.008
5	215	6.009	6.003	-0.006
5	216	5.993	5.987	-0.006
5	217	6.022	6.018	-0.004
5	218	6.010	6.001	-0.009
5	219	5.972	5.973	0.001
10	220	5.962	5.947	-0.015
10	221	5.898	5.860	-0.038
10	222	6.017	6.005	-0.012
10	223	5.950	5.966	0.016
10	224	5.981	5.930	-0.051
10	225	5.995	5.970	-0.026
15	226	6.011	6.000	-0.011
15	227	6.009	5.998	-0.011
15	228	5.993	5.979	-0.015
15	229	6.022	6.014	-0.009
15	230	6.010	5.995	-0.015
15	231	5.972	5.970	-0.002
30	232	5.962	5.925	-0.038
30	233	5.898	5.836	-0.062
30	234	6.017	5.991	-0.026
30	235	5.981	5.943	-0.038
30	236	5.950	5.907	-0.043
30	237	5.995	5.959	-0.036
35	238	6.011	5.970	-0.041
35	239	6.009	5.975	-0.034
35	240	5.993	5.945	-0.048
35	241	6.022	5.984	-0.039
35	242	6.010	5.977	-0.034
35	243	5.972	5.958	-0.014
50	244	5.986	5.950	-0.036
50	245	5.937	5.855	-0.081
50	246	6.027	6.000	-0.027
50	247	5.995	5.983	-0.012
50	248	6.069	6.038	-0.031
50	249	6.056	6.026	-0.030
55	251	5.943	5.913	-0.029
55	253	6.023	5.977	-0.047
55	254	5.956	5.865	-0.091
55	255	5.986	5.968	-0.018
55	258	5.988	5.954	-0.034
55	259	6.036	6.020	-0.016
100	261	5.929	5.831	-0.099
100	262	5.945	5.826	-0.120
100	264	6.005	5.988	-0.017
100	265	5.984	5.899	-0.085
100	266	6.018	6.010	-0.008
100	267	5.954	5.878	-0.076
100	268	5.951	5.914	-0.037
100	269	6.036	6.031	-0.005
100	270	5.914	5.757	-0.157
100	271	6.002	5.917	-0.085
100	272	5.994	5.846	-0.147
100	273	5.968	5.885	-0.083
100	274	5.990	5.966	-0.024
100	275	6.036	6.022	-0.013
100	277	5.984	5.927	-0.057
100	278	5.951	5.820	-0.131
100	279	5.935	5.845	-0.089
100	280	5.995	5.871	-0.125
100	281	5.916	5.841	-0.076
100	282	5.930	5.747	-0.182
100	283	5.954	5.904	-0.050
100	284	5.968	5.911	-0.057
100	285	5.943	5.885	-0.058
100	286	6.016	5.999	-0.017
105	287	5.982	5.988	0.005
105	289	5.922	5.933	0.012
105	290	5.882	5.744	-0.138
105	291	5.960	5.960	0.001
105	292	5.946	5.857	-0.090
105	293	5.946	5.774	-0.173
	Max	6.069	6.038	0.021
	Average	5.980	5.937	-0.043
	Min	5.882	5.744	-0.182
	Std Dev	0.039	0.071	0.045



	4.6 __ISD_Vin_12p0V	
Test Site		
Tester		
Test Number		
Max Limit	9.5	mA
Min Limit		mA

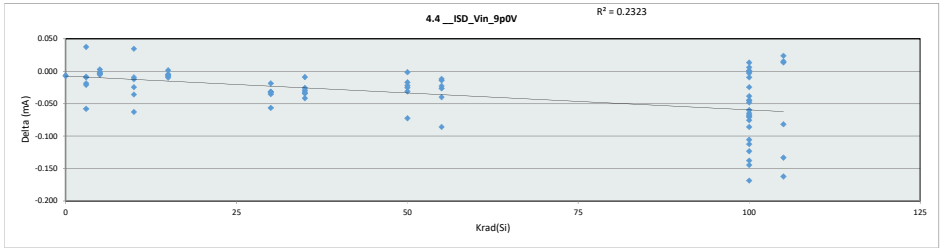
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	5.916	5.875	5.974	5.860	5.970	5.836	5.945	5.855	5.865	5.747	5.744
Average	5.975	5.953	5.998	5.946	5.993	5.927	5.968	5.975	5.949	5.897	5.876
Max	6.034	6.006	6.018	6.005	6.014	5.991	5.984	6.039	6.020	6.031	5.988
UL	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500	9.500



LDR TID Report
TPS7H2211-SP

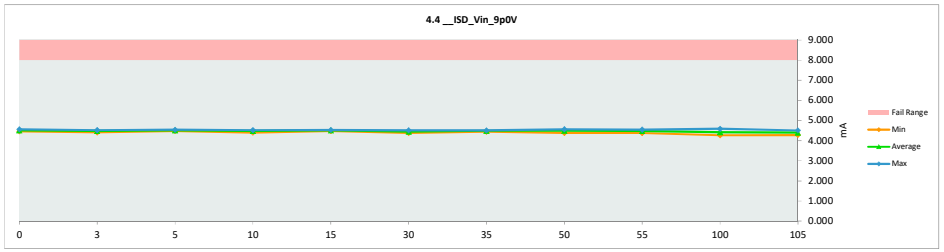
4.4 __ISD_Vin_9p0V			
Test Site			
Tester			
Test Number			
Unit	mA	mA	
Max Limit	8	8	
Min Limit			

Krad(Si)	Serial #	PRE	POST	Delta
0	201	4.467	4.460	-0.006
0	202	4.576	4.569	-0.007
3	208	4.498	4.489	-0.009
3	209	4.433	4.412	-0.021
3	210	4.534	4.526	-0.009
3	211	4.470	4.508	0.038
3	212	4.516	4.458	-0.058
3	213	4.505	4.487	-0.019
5	214	4.530	4.525	-0.005
5	215	4.532	4.528	-0.004
5	216	4.485	4.483	-0.002
5	217	4.542	4.541	-0.001
5	218	4.525	4.521	-0.004
5	219	4.489	4.492	0.003
10	220	4.498	4.486	-0.012
10	221	4.433	4.397	-0.036
10	222	4.534	4.525	-0.009
10	223	4.470	4.505	0.035
10	224	4.516	4.454	-0.063
10	225	4.505	4.481	-0.024
15	226	4.530	4.525	-0.005
15	227	4.532	4.525	-0.008
15	228	4.485	4.475	-0.010
15	229	4.542	4.537	-0.005
15	230	4.525	4.518	-0.007
15	231	4.489	4.491	0.002
30	232	4.498	4.467	-0.031
30	233	4.433	4.376	-0.056
30	234	4.534	4.516	-0.019
30	235	4.516	4.484	-0.032
30	236	4.470	4.435	-0.035
30	237	4.505	4.473	-0.032
35	238	4.530	4.496	-0.034
35	239	4.532	4.503	-0.029
35	240	4.485	4.444	-0.042
35	241	4.542	4.510	-0.032
35	242	4.525	4.499	-0.026
35	243	4.489	4.480	-0.009
50	244	4.502	4.470	-0.031
50	245	4.455	4.382	-0.072
50	246	4.553	4.536	-0.017
50	247	4.500	4.499	-0.002
50	248	4.592	4.567	-0.025
50	249	4.566	4.543	-0.022
55	251	4.465	4.443	-0.023
55	253	4.534	4.494	-0.040
55	254	4.466	4.380	-0.086
55	255	4.516	4.502	-0.014
55	258	4.531	4.505	-0.026
55	259	4.561	4.549	-0.012
100	261	4.443	4.357	-0.086
100	262	4.453	4.348	-0.106
100	264	4.507	4.508	0.001
100	265	4.502	4.432	-0.069
100	266	4.522	4.528	0.006
100	267	4.497	4.432	-0.065
100	268	4.476	4.451	-0.024
100	269	4.578	4.591	0.013
100	270	4.436	4.291	-0.145
100	271	4.510	4.439	-0.071
100	272	4.519	4.381	-0.138
100	273	4.485	4.418	-0.067
100	274	4.491	4.481	-0.009
100	275	4.539	4.536	-0.003
100	277	4.499	4.454	-0.045
100	278	4.479	4.356	-0.123
100	279	4.448	4.373	-0.075
100	280	4.505	4.392	-0.112
100	281	4.420	4.360	-0.060
100	282	4.437	4.269	-0.168
100	283	4.474	4.436	-0.038
100	284	4.489	4.441	-0.048
100	285	4.462	4.417	-0.045
100	286	4.543	4.542	-0.001
105	287	4.491	4.506	0.015
105	289	4.444	4.468	0.024
105	290	4.411	4.278	-0.133
105	291	4.491	4.505	0.014
105	292	4.445	4.364	-0.082
105	293	4.460	4.298	-0.162
	Max	4.592	4.591	0.038
	Average	4.499	4.464	-0.035
	Min	4.411	4.269	-0.168
	Std Dev	0.039	0.070	0.044



4.4 __ISD_Vin_9p0V		
Test Site		
Tester		
Test Number		
Max Limit	8	mA
Min Limit		mA

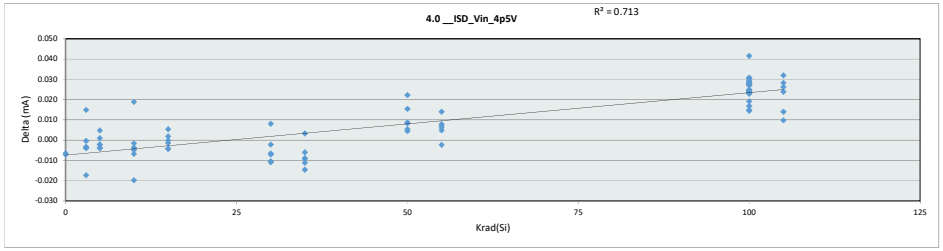
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	4.461	4.412	4.483	4.397	4.475	4.376	4.444	4.382	4.380	4.269	4.278
Average	4.515	4.480	4.515	4.474	4.512	4.458	4.489	4.499	4.479	4.426	4.403
Max	4.569	4.526	4.541	4.525	4.537	4.516	4.510	4.567	4.550	4.591	4.506
UL	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000



LDR TID Report
TPS7H2211-SP

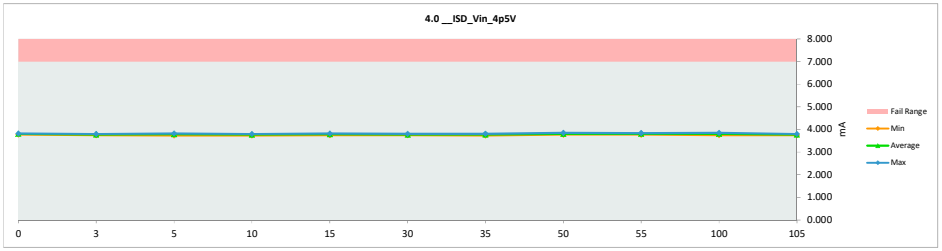
	4.0 __ISD_Vin_4p5V	
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	7	7
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	3.786	3.779	-0.007
0	202	3.825	3.819	-0.006
3	208	3.792	3.788	-0.003
3	209	3.750	3.746	-0.004
3	210	3.800	3.800	0.000
3	211	3.796	3.779	-0.017
3	212	3.781	3.796	0.015
3	213	3.747	3.743	-0.003
5	214	3.810	3.806	-0.004
5	215	3.812	3.810	-0.002
5	216	3.742	3.740	-0.002
5	217	3.822	3.823	0.001
5	218	3.811	3.807	-0.004
5	219	3.746	3.750	0.005
10	220	3.792	3.788	-0.004
10	221	3.750	3.745	-0.005
10	222	3.800	3.798	-0.002
10	223	3.796	3.776	-0.020
10	224	3.781	3.799	0.019
10	225	3.747	3.740	-0.007
15	226	3.810	3.805	-0.004
15	227	3.812	3.814	0.002
15	228	3.742	3.742	0.000
15	229	3.822	3.821	-0.001
15	230	3.811	3.807	-0.004
15	231	3.746	3.751	0.005
30	232	3.792	3.784	-0.007
30	233	3.750	3.743	-0.007
30	234	3.800	3.789	-0.010
30	235	3.781	3.770	-0.011
30	236	3.796	3.804	0.008
30	237	3.747	3.744	-0.002
35	238	3.810	3.800	-0.009
35	239	3.812	3.806	-0.006
35	240	3.742	3.733	-0.009
35	241	3.822	3.811	-0.011
35	242	3.811	3.797	-0.015
35	243	3.746	3.749	0.003
50	244	3.776	3.785	0.008
50	245	3.776	3.780	0.004
50	246	3.802	3.807	0.005
50	247	3.754	3.769	0.015
50	248	3.833	3.842	0.009
50	249	3.825	3.848	0.022
55	251	3.764	3.771	0.007
55	253	3.785	3.782	-0.002
55	254	3.793	3.798	0.005
55	255	3.802	3.816	0.014
55	258	3.784	3.790	0.006
55	259	3.831	3.839	0.008
100	261	3.750	3.780	0.031
100	262	3.781	3.798	0.017
100	264	3.766	3.808	0.041
100	265	3.764	3.792	0.028
100	266	3.785	3.813	0.028
100	267	3.805	3.834	0.029
100	268	3.760	3.787	0.027
100	269	3.823	3.847	0.024
100	270	3.767	3.790	0.023
100	271	3.795	3.822	0.027
100	272	3.806	3.836	0.029
100	273	3.791	3.815	0.024
100	274	3.762	3.786	0.024
100	275	3.808	3.833	0.025
100	277	3.762	3.776	0.014
100	278	3.805	3.820	0.015
100	279	3.721	3.746	0.025
100	280	3.787	3.818	0.030
100	281	3.726	3.754	0.028
100	282	3.808	3.832	0.023
100	283	3.752	3.776	0.024
100	284	3.794	3.813	0.019
100	285	3.741	3.768	0.027
100	286	3.806	3.836	0.030
105	287	3.763	3.791	0.028
105	289	3.715	3.747	0.032
105	290	3.757	3.771	0.014
105	291	3.763	3.789	0.026
105	292	3.749	3.773	0.024
105	293	3.793	3.802	0.010
	Max	3.833	3.848	0.041
	Average	3.782	3.791	0.009
	Min	3.715	3.733	-0.020
	Std Dev	0.029	0.029	0.015



	4.0 __ISD_Vin_4p5V	
Test Site		
Tester		
Test Number		
Max Limit	7	mA
Min Limit		mA

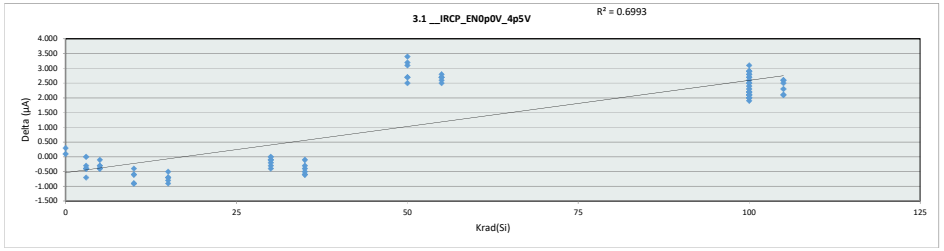
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	3.779	3.743	3.740	3.740	3.742	3.743	3.733	3.769	3.771	3.746	3.747
Average	3.799	3.775	3.789	3.774	3.790	3.773	3.783	3.805	3.799	3.803	3.779
Max	3.819	3.800	3.823	3.800	3.821	3.804	3.811	3.848	3.839	3.847	3.802
UL	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000



LDR TID Report
TPS7H2211-SP

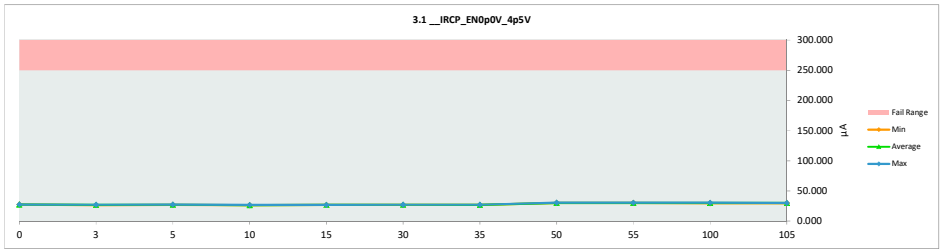
	3.1 __IRCP_EN0p0V_4p5V	
Test Site		
Tester		
Test Number		
Unit	µA	µA
Max Limit	250	250
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	27.500	27.600	0.100
0	202	27.400	27.700	0.300
3	208	27.300	26.900	-0.400
3	209	27.200	26.500	-0.700
3	210	27.300	26.900	-0.400
3	211	27.200	26.800	-0.400
3	212	27.400	27.100	-0.300
3	213	27.300	27.300	0.000
5	214	27.800	27.500	-0.300
5	215	27.500	27.400	-0.100
5	216	27.400	27.000	-0.400
5	217	27.400	27.000	-0.400
5	218	27.500	27.200	-0.300
5	219	27.400	27.000	-0.400
10	220	27.300	26.700	-0.600
10	221	27.200	26.800	-0.400
10	222	27.300	26.400	-0.900
10	223	27.200	26.600	-0.600
10	224	27.400	26.500	-0.900
10	225	27.300	26.400	-0.900
15	226	27.800	26.900	-0.900
15	227	27.500	26.800	-0.700
15	228	27.400	26.700	-0.700
15	229	27.400	26.900	-0.500
15	230	27.500	26.700	-0.800
15	231	27.400	26.700	-0.700
30	232	27.300	27.000	-0.300
30	233	27.200	26.800	-0.400
30	234	27.300	27.200	-0.100
30	235	27.400	27.200	-0.200
30	236	27.200	27.200	0.000
30	237	27.300	27.200	-0.100
35	238	27.800	27.200	-0.600
35	239	27.500	27.100	-0.400
35	240	27.400	26.800	-0.600
35	241	27.400	27.300	-0.100
35	242	27.500	27.200	-0.300
35	243	27.400	26.900	-0.500
50	244	27.400	30.100	2.700
50	245	27.300	30.000	2.700
50	246	27.600	30.100	2.500
50	247	27.300	30.500	3.200
50	248	27.500	30.600	3.100
50	249	27.000	30.400	3.400
55	251	27.500	30.000	2.500
55	253	27.300	30.100	2.800
55	254	27.600	30.300	2.700
55	255	27.600	30.300	2.700
55	258	27.600	30.300	2.700
55	259	27.800	30.400	2.600
100	261	27.500	30.200	2.700
100	262	27.500	30.400	2.900
100	264	27.300	30.100	2.800
100	265	27.400	30.500	3.100
100	266	27.800	30.000	2.200
100	267	27.800	30.300	2.500
100	268	27.100	29.800	2.700
100	269	27.500	30.400	2.900
100	270	27.400	29.900	2.500
100	271	27.400	30.300	2.900
100	272	27.400	30.000	2.600
100	273	27.400	30.200	2.800
100	274	27.600	29.800	2.200
100	275	28.000	30.100	2.100
100	277	27.500	29.600	2.100
100	278	28.000	30.000	2.000
100	279	27.600	29.700	2.100
100	280	27.800	30.200	2.400
100	281	27.600	29.700	2.100
100	282	28.200	30.200	2.000
100	283	27.700	29.600	1.900
100	284	27.900	29.900	2.000
100	285	27.800	30.100	2.300
100	286	28.000	30.200	2.200
105	287	27.600	29.900	2.300
105	289	27.400	30.000	2.600
105	290	27.400	30.000	2.600
105	291	27.900	30.000	2.100
105	292	27.800	29.900	2.100
105	293	27.600	30.100	2.500
	Max	28.200	30.600	3.400
	Average	27.492	28.616	1.124
	Min	27.000	26.400	-0.900
	Std Dev	0.230	1.594	1.513



	3.1 __IRCP_EN0p0V_4p5V	
Test Site		
Tester		
Test Number		
Max Limit	250	µA
Min Limit		µA

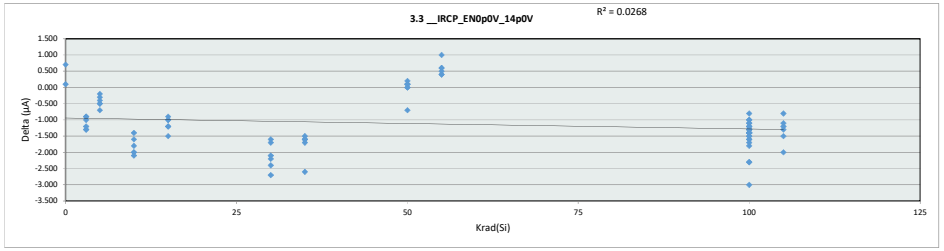
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	27.600	26.500	27.000	26.400	26.700	26.800	26.800	30.000	30.000	29.600	29.900
Average	27.650	26.917	27.183	26.567	26.783	27.100	27.083	30.283	30.233	30.050	29.983
Max	27.700	27.300	27.500	26.800	26.900	27.200	27.300	30.600	30.400	30.500	30.100
UL	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000



LDR TID Report
TPS7H2211-SP

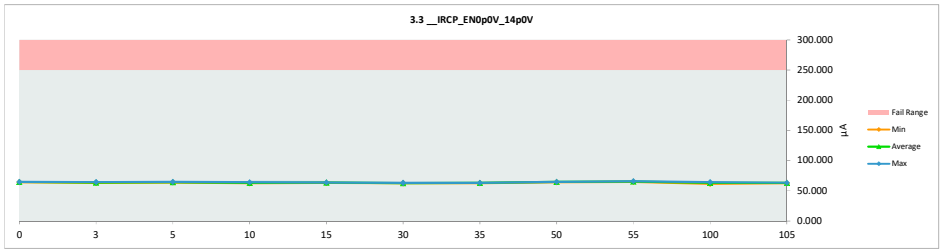
3.3 __IRCP_EN0p0V_14p0V		
Test Site		
Tester		
Test Number		
Unit	µA	µA
Max Limit	250	250
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	64.100	64.800	0.700
0	202	64.300	64.400	0.100
3	208	64.600	63.300	-1.300
3	209	65.600	64.300	-1.300
3	210	64.200	63.300	-0.900
3	211	64.600	63.400	-1.200
3	212	64.500	63.500	-1.000
3	213	65.500	64.600	-0.900
5	214	64.900	64.600	-0.300
5	215	64.900	64.700	-0.200
5	216	65.300	64.600	-0.700
5	217	64.600	64.100	-0.500
5	218	64.300	63.900	-0.400
5	219	64.600	64.100	-0.500
10	220	64.600	62.800	-1.800
10	221	65.600	64.200	-1.400
10	222	64.200	62.600	-1.600
10	223	64.600	62.600	-2.000
10	224	64.500	62.500	-2.000
10	225	65.500	63.400	-2.100
15	226	64.900	63.900	-1.000
15	227	64.900	64.000	-0.900
15	228	65.300	63.800	-1.500
15	229	64.600	63.600	-1.000
15	230	64.300	63.100	-1.200
15	231	64.600	63.400	-1.200
30	232	64.600	62.500	-2.100
30	233	65.600	63.200	-2.400
30	234	64.200	62.600	-1.600
30	235	64.500	62.800	-1.700
30	236	64.600	62.400	-2.200
30	237	65.500	62.800	-2.700
35	238	64.900	63.300	-1.600
35	239	64.900	63.200	-1.700
35	240	65.300	62.700	-2.600
35	241	64.600	63.100	-1.500
35	242	64.300	62.700	-1.600
35	243	64.600	63.000	-1.600
50	244	65.100	65.100	0.000
50	245	64.300	64.400	0.100
50	246	64.300	64.300	0.000
50	247	65.700	65.000	-0.700
50	248	64.500	64.600	0.100
50	249	64.700	64.900	0.200
55	251	64.300	64.700	0.400
55	253	64.500	64.900	0.400
55	254	65.500	66.000	0.500
55	255	64.400	65.400	1.000
55	258	64.600	65.200	0.600
55	259	64.400	65.000	0.600
100	261	64.200	62.900	-1.300
100	262	65.400	64.000	-1.400
100	264	64.800	63.500	-1.300
100	265	65.700	64.100	-1.600
100	266	64.700	63.300	-1.400
100	267	65.300	64.000	-1.300
100	268	63.300	62.300	-1.000
100	269	64.300	63.500	-0.800
100	270	64.900	62.600	-2.300
100	271	64.400	63.300	-1.100
100	272	65.300	63.800	-1.500
100	273	64.300	63.300	-1.000
100	274	63.900	62.700	-1.200
100	275	65.500	64.300	-1.200
100	277	64.200	62.800	-1.400
100	278	64.600	63.300	-1.300
100	279	65.900	62.900	-3.000
100	280	64.500	62.700	-1.800
100	281	63.500	62.000	-1.500
100	282	66.300	64.000	-2.300
100	283	63.300	61.700	-1.600
100	284	64.400	63.000	-1.400
100	285	64.800	63.100	-1.700
100	286	64.600	63.500	-1.100
105	287	64.400	63.200	-1.200
105	289	64.900	62.900	-2.000
105	290	63.900	62.600	-1.300
105	291	64.300	63.500	-0.800
105	292	64.900	63.400	-1.500
105	293	64.700	63.600	-1.100
Max		66.300	66.000	1.000
Average		64.709	63.589	-1.120
Min		63.300	61.700	-3.000
Std Dev		0.564	0.875	0.844



3.3 __IRCP_EN0p0V_14p0V		
Test Site		
Tester		
Test Number		
Max Limit	250	µA
Min Limit		µA

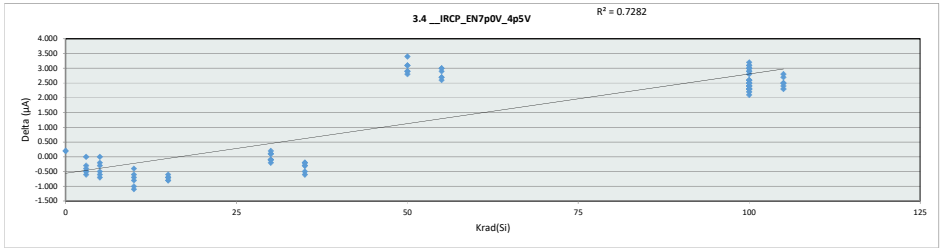
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	64.400	63.300	63.900	62.500	63.100	62.400	62.700	64.300	64.700	61.700	62.600
Average	64.600	63.733	64.333	63.017	63.633	62.717	63.000	64.717	65.200	63.192	63.200
Max	64.800	64.600	64.700	64.200	64.000	63.200	63.300	65.100	66.000	64.300	63.600
UL	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000



LDR TID Report
TPS7H2211-SP

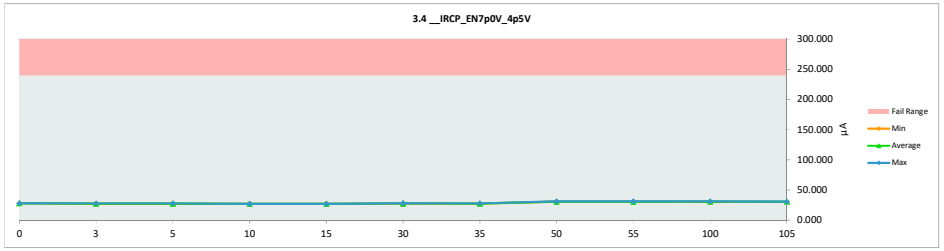
	3.4 __IRCP_EN7p0V_4p5V	
Test Site		
Tester		
Test Number		
Unit	µA	µA
Max Limit	240	240
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	27.800	28.000	0.200
0	202	27.800	28.000	0.200
3	208	27.700	27.300	-0.400
3	209	27.500	26.900	-0.600
3	210	27.800	27.300	-0.500
3	211	27.600	27.300	-0.300
3	212	27.900	27.400	-0.500
3	213	27.700	27.700	0.000
5	214	28.000	27.800	-0.200
5	215	27.800	27.800	0.000
5	216	27.900	27.400	-0.500
5	217	27.900	27.200	-0.700
5	218	27.800	27.500	-0.300
5	219	27.900	27.300	-0.600
10	220	27.700	26.900	-0.800
10	221	27.500	27.100	-0.400
10	222	27.800	26.800	-1.000
10	223	27.600	27.000	-0.600
10	224	27.900	26.800	-1.100
10	225	27.700	27.000	-0.700
15	226	28.000	27.200	-0.800
15	227	27.800	27.100	-0.700
15	228	27.900	27.100	-0.800
15	229	27.900	27.200	-0.700
15	230	27.800	27.200	-0.600
15	231	27.900	27.200	-0.700
30	232	27.700	27.800	0.100
30	233	27.500	27.400	-0.100
30	234	27.800	27.900	0.100
30	235	27.900	27.700	-0.200
30	236	27.600	27.800	0.200
30	237	27.700	27.600	-0.100
35	238	28.000	27.700	-0.300
35	239	27.800	27.500	-0.300
35	240	27.900	27.300	-0.600
35	241	27.900	27.700	-0.200
35	242	27.800	27.600	-0.200
35	243	27.900	27.400	-0.500
50	244	27.900	30.800	2.900
50	245	27.800	30.600	2.800
50	246	27.700	30.600	2.900
50	247	27.900	31.000	3.100
50	248	27.900	31.000	3.100
50	249	27.500	30.900	3.400
55	251	27.700	30.600	2.900
55	253	27.600	30.600	3.000
55	254	28.000	31.000	3.000
55	255	28.300	30.900	2.600
55	258	28.000	30.700	2.700
55	259	28.100	30.800	2.700
100	261	27.800	30.700	2.900
100	262	27.800	30.900	3.100
100	264	27.700	30.700	3.000
100	265	27.800	30.900	3.100
100	266	28.100	30.600	2.500
100	267	28.300	30.900	2.600
100	268	27.700	30.700	3.000
100	269	27.900	31.100	3.200
100	270	27.900	30.300	2.400
100	271	27.800	30.700	2.900
100	272	27.800	30.800	3.000
100	273	27.900	30.700	2.800
100	274	28.100	30.400	2.300
100	275	28.300	30.900	2.600
100	277	28.000	30.200	2.200
100	278	28.300	30.800	2.500
100	279	27.800	30.300	2.500
100	280	28.000	30.600	2.600
100	281	28.000	30.400	2.400
100	282	28.600	30.700	2.100
100	283	27.800	30.200	2.400
100	284	28.200	30.500	2.300
100	285	28.200	30.600	2.400
100	286	28.400	30.700	2.300
105	287	27.800	30.300	2.500
105	289	27.900	30.600	2.700
105	290	27.800	30.600	2.800
105	291	28.200	30.600	2.400
105	292	28.100	30.400	2.300
105	293	28.100	30.600	2.500
	Max	28.600	31.100	3.400
	Average	27.882	29.110	1.228
	Min	27.500	26.800	-1.100
	Std Dev	0.211	1.668	1.591



	3.4 __IRCP_EN7p0V_4p5V	
Test Site		
Tester		
Test Number		
Max Limit	240	µA
Min Limit		µA

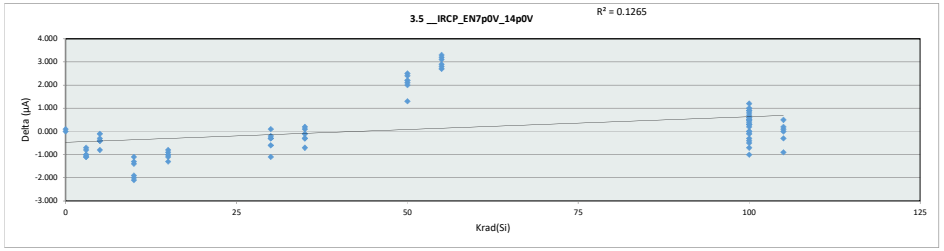
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	28.000	26.900	27.200	26.800	27.100	27.400	27.300	30.600	30.600	30.200	30.300
Average	28.000	27.317	27.500	26.933	27.167	27.700	27.533	30.817	30.767	30.638	30.517
Max	28.000	27.700	27.800	27.100	27.200	27.900	27.700	31.000	31.000	31.100	30.600
UL	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000



LDR TID Report
TPS7H2211-SP

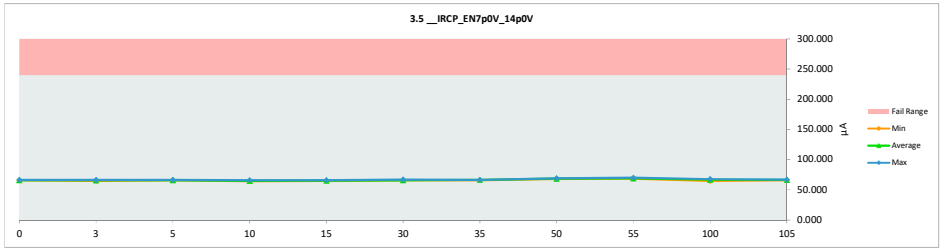
3.5 __IRCP_EN7p0V_14p0V		
Test Site		
Tester		
Test Number		
Unit	µA	µA
Max Limit	240	240
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	66.300	66.400	0.100
0	202	65.800	65.800	0.000
3	208	66.300	65.300	-1.000
3	209	67.100	66.300	-0.800
3	210	66.000	65.000	-1.000
3	211	66.300	65.200	-1.100
3	212	66.100	65.000	-1.100
3	213	67.100	66.400	-0.700
5	214	66.800	66.400	-0.400
5	215	66.700	66.400	-0.300
5	216	66.900	66.100	-0.800
5	217	66.200	65.800	-0.400
5	218	65.900	65.800	-0.100
5	219	66.400	66.000	-0.400
10	220	66.300	64.900	-1.400
10	221	67.100	66.000	-1.100
10	222	66.000	64.700	-1.300
10	223	66.300	64.400	-1.900
10	224	66.100	64.100	-2.000
10	225	67.100	65.000	-2.100
15	226	66.800	65.900	-0.900
15	227	66.700	65.700	-1.000
15	228	66.900	65.800	-1.100
15	229	66.200	65.400	-0.800
15	230	65.900	64.900	-1.000
15	231	66.400	65.100	-1.300
30	232	66.300	66.000	-0.300
30	233	67.100	66.800	-0.300
30	234	66.000	66.100	0.100
30	235	66.100	65.900	-0.200
30	236	66.300	65.700	-0.600
30	237	67.100	66.000	-1.100
35	238	66.800	66.500	-0.300
35	239	66.700	66.400	-0.300
35	240	66.900	66.200	-0.700
35	241	66.200	66.400	0.200
35	242	65.900	66.000	0.100
35	243	66.400	66.300	-0.100
50	244	66.900	68.900	2.000
50	245	65.900	68.100	2.200
50	246	66.100	68.200	2.100
50	247	67.400	68.700	1.300
50	248	66.200	68.700	2.500
50	249	66.600	69.000	2.400
55	251	65.800	68.500	2.700
55	253	66.000	68.900	2.900
55	254	67.100	69.900	2.800
55	255	66.200	69.400	3.200
55	258	66.200	69.300	3.100
55	259	65.500	68.800	3.300
100	261	65.700	66.300	0.600
100	262	66.800	67.300	0.500
100	264	66.300	67.000	0.700
100	265	67.200	67.500	0.300
100	266	66.400	66.700	0.300
100	267	66.900	67.800	0.900
100	268	64.900	65.800	0.900
100	269	65.900	67.100	1.200
100	270	66.400	65.900	-0.500
100	271	66.100	66.700	0.600
100	272	67.300	67.000	-0.300
100	273	66.100	66.900	0.800
100	274	65.500	65.900	0.400
100	275	67.200	67.700	0.500
100	277	66.000	65.600	-0.400
100	278	66.200	67.200	1.000
100	279	67.700	66.700	-1.000
100	280	66.400	66.400	0.000
100	281	65.400	65.600	0.200
100	282	68.100	67.400	-0.700
100	283	64.800	64.800	0.000
100	284	66.300	66.600	0.300
100	285	66.600	66.500	-0.100
100	286	66.200	66.700	0.500
105	287	66.200	66.300	0.100
105	289	66.900	66.000	-0.900
105	290	65.800	65.800	0.000
105	291	66.200	66.700	0.500
105	292	66.800	66.500	-0.300
105	293	66.600	66.800	0.200
	Max	68.100	69.900	3.300
	Average	66.404	66.521	0.118
	Min	64.800	64.100	-2.100
	Std Dev	0.572	1.239	1.248



3.5 __IRCP_EN7p0V_14p0V		
Test Site		
Tester		
Test Number		
Max Limit	240	µA
Min Limit		µA

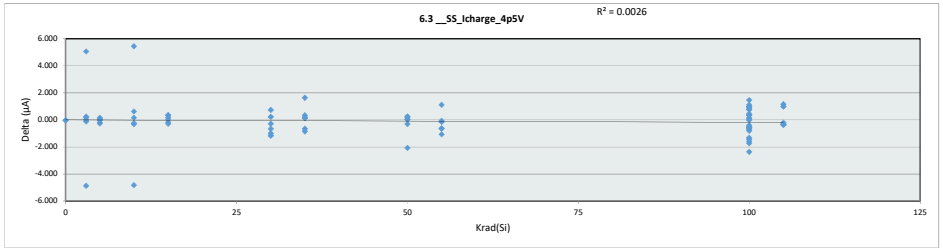
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	65.800	65.000	65.800	64.100	64.900	65.700	66.000	68.100	68.500	64.800	65.800
Average	66.100	65.533	66.083	64.850	65.467	66.083	66.300	68.600	69.133	66.629	66.350
Max	66.400	66.400	66.400	66.000	65.900	66.800	66.500	69.000	69.900	67.800	66.800
UL	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000



LDR TID Report
TPS7H2211-SP

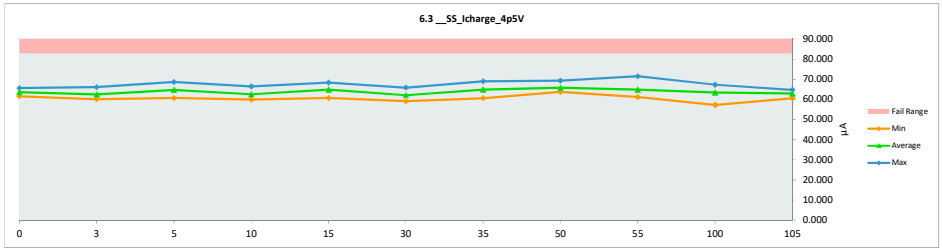
6.3 __SS_Icharge_4p5V		
Test Site		
Tester		
Test Number		
Unit	µA	µA
Max Limit	83	83
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	61.633	61.597	-0.036
0	202	65.632	65.605	-0.027
3	208	60.248	60.126	-0.122
3	209	60.550	60.717	0.167
3	210	63.005	63.251	0.246
3	211	65.685	60.807	-4.878
3	212	61.018	66.080	5.062
3	213	64.104	64.095	-0.009
5	214	68.671	68.644	-0.027
5	215	63.560	63.296	-0.264
5	216	62.466	62.550	0.084
5	217	66.650	66.446	-0.204
5	218	66.727	66.741	0.014
5	219	60.494	60.654	0.160
10	220	60.248	59.933	-0.315
10	221	60.550	60.713	0.163
10	222	63.005	63.629	0.624
10	223	65.685	60.860	-4.825
10	224	61.018	66.466	5.448
10	225	64.104	63.857	-0.247
15	226	68.671	68.387	-0.284
15	227	63.560	63.920	0.360
15	228	62.466	62.794	0.328
15	229	66.650	66.699	0.049
15	230	66.727	66.560	-0.167
15	231	60.494	60.685	0.191
30	232	60.248	59.081	-1.167
30	233	60.550	61.281	0.731
30	234	63.005	62.341	-0.664
30	235	61.018	60.028	-0.990
30	236	65.685	65.909	0.224
30	237	64.104	63.822	-0.282
35	238	68.671	69.006	0.335
35	239	63.560	63.759	0.199
35	240	62.466	61.618	-0.848
35	241	66.650	68.280	1.630
35	242	66.727	66.073	-0.654
35	243	60.494	60.625	0.131
50	244	64.021	63.716	-0.305
50	245	66.151	66.198	0.047
50	246	67.675	65.606	-2.069
50	247	63.630	63.884	0.254
50	248	69.141	69.336	0.195
50	249	66.151	66.185	0.034
55	251	70.410	71.521	1.111
55	253	64.995	63.919	-1.076
55	254	61.813	61.178	-0.635
55	255	64.959	64.808	-0.151
55	258	62.313	61.682	-0.631
55	259	66.095	66.035	-0.060
100	261	57.580	57.190	-0.390
100	262	66.556	67.310	0.754
100	264	62.639	62.783	0.144
100	265	63.140	63.121	-0.019
100	266	62.906	63.356	0.450
100	267	60.681	61.795	1.114
100	268	60.564	58.836	-1.728
100	269	64.282	65.743	1.461
100	270	64.741	65.534	0.793
100	271	64.029	63.460	-0.569
100	272	59.455	58.854	-0.601
100	273	65.381	66.285	0.904
100	274	64.118	63.318	-0.800
100	275	67.320	66.808	-0.512
100	277	65.563	63.198	-2.365
100	278	65.154	65.233	0.079
100	279	64.561	63.991	-0.570
100	280	64.244	65.224	0.980
100	281	62.010	62.350	0.340
100	282	67.839	67.145	-0.694
100	283	64.396	62.813	-1.583
100	284	63.338	63.711	0.373
100	285	63.638	62.214	-1.424
100	286	62.807	61.481	-1.326
105	287	61.651	61.443	-0.208
105	289	65.107	64.750	-0.357
105	290	64.246	63.939	-0.307
105	291	59.588	60.570	0.982
105	292	62.948	64.109	1.161
105	293	63.237	62.873	-0.364
	Max	70.410	71.521	5.448
	Average	63.848	63.755	-0.093
	Min	57.580	57.190	-4.878
	Std Dev	2.619	2.758	1.355



6.3 __SS_Icharge_4p5V		
Test Site		
Tester		
Test Number		
Max Limit	83	µA
Min Limit		µA

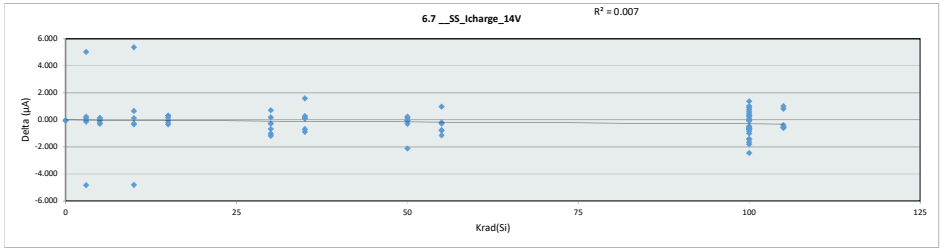
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	61.597	60.126	60.654	59.933	60.685	59.081	60.625	63.716	61.178	57.190	60.570
Average	63.601	62.513	64.722	62.576	64.841	62.077	64.894	65.821	64.857	63.406	62.947
Max	65.605	66.080	68.644	66.466	68.387	65.909	69.006	69.336	71.521	67.310	64.750
UL	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000



LDR TID Report
TPS7H2211-SP

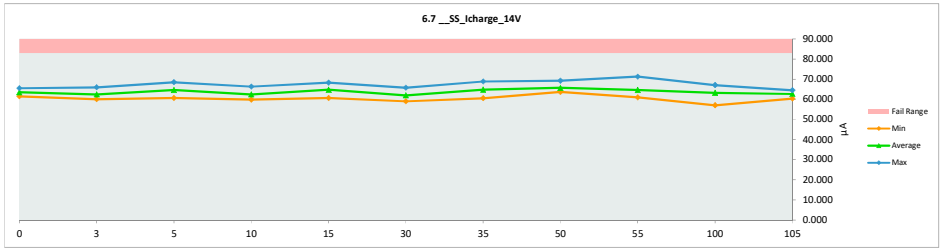
	6.7 __SS_Icharge_14V	
Test Site		
Tester		
Test Number		
Unit	µA	µA
Max Limit	83	83
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	61.512	61.500	-0.012
0	202	65.586	65.530	-0.056
3	208	60.179	60.047	-0.132
3	209	60.438	60.583	0.145
3	210	62.914	63.162	0.248
3	211	65.577	60.745	-4.832
3	212	60.953	65.980	5.027
3	213	64.038	64.025	-0.013
5	214	68.598	68.536	-0.062
5	215	63.487	63.194	-0.293
5	216	62.390	62.475	0.085
5	217	66.567	66.333	-0.234
5	218	66.633	66.633	0.000
5	219	60.444	60.602	0.158
10	220	60.179	59.845	-0.334
10	221	60.438	60.578	0.140
10	222	62.914	63.578	0.664
10	223	65.577	60.779	-4.798
10	224	60.953	66.330	5.377
10	225	64.038	63.790	-0.248
15	226	68.598	68.260	-0.338
15	227	63.487	63.798	0.311
15	228	62.390	62.717	0.327
15	229	66.567	66.551	-0.016
15	230	66.633	66.437	-0.196
15	231	60.444	60.613	0.169
30	232	60.179	58.999	-1.180
30	233	60.438	61.162	0.724
30	234	62.914	62.243	-0.671
30	235	60.953	59.943	-1.010
30	236	65.577	65.766	0.189
30	237	64.038	63.769	-0.269
35	238	68.598	68.873	0.275
35	239	63.487	63.613	0.126
35	240	62.390	61.517	-0.873
35	241	66.567	68.156	1.589
35	242	66.633	65.945	-0.688
35	243	60.444	60.558	0.114
50	244	63.925	63.651	-0.274
50	245	66.071	66.033	-0.038
50	246	67.611	65.503	-2.108
50	247	63.566	63.802	0.236
50	248	69.064	69.213	0.149
50	249	66.071	66.032	-0.039
55	251	70.293	71.276	0.983
55	253	64.916	63.771	-1.145
55	254	61.730	60.942	-0.788
55	255	64.879	64.612	-0.267
55	258	62.262	61.507	-0.755
55	259	66.011	65.829	-0.182
100	261	57.503	57.037	-0.466
100	262	66.438	67.073	0.635
100	264	62.573	62.629	0.056
100	265	63.057	62.990	-0.067
100	266	62.826	63.182	0.356
100	267	60.603	61.629	1.026
100	268	60.482	58.683	-1.799
100	269	64.228	65.607	1.379
100	270	64.650	65.157	0.507
100	271	63.928	63.267	-0.661
100	272	59.387	58.687	-0.700
100	273	65.307	66.092	0.785
100	274	64.026	63.203	-0.823
100	275	67.236	66.700	-0.536
100	277	65.445	63.007	-2.438
100	278	65.067	65.027	-0.040
100	279	64.492	63.849	-0.643
100	280	64.135	65.064	0.929
100	281	61.927	62.171	0.244
100	282	67.710	66.718	-0.992
100	283	64.289	62.644	-1.645
100	284	63.271	63.596	0.325
100	285	63.552	62.105	-1.447
100	286	62.745	61.350	-1.395
105	287	61.576	61.203	-0.373
105	289	65.036	64.522	-0.514
105	290	64.144	63.585	-0.559
105	291	59.528	60.360	0.832
105	292	62.865	63.889	1.024
105	293	63.120	62.522	-0.598
	Max	70.293	71.276	5.377
	Average	63.766	63.611	-0.155
	Min	57.503	57.037	-4.832
	Std Dev	2.614	2.744	1.346



	6.7 __SS_Icharge_14V	
Test Site		
Tester		
Test Number		
Max Limit	83	µA
Min Limit		µA

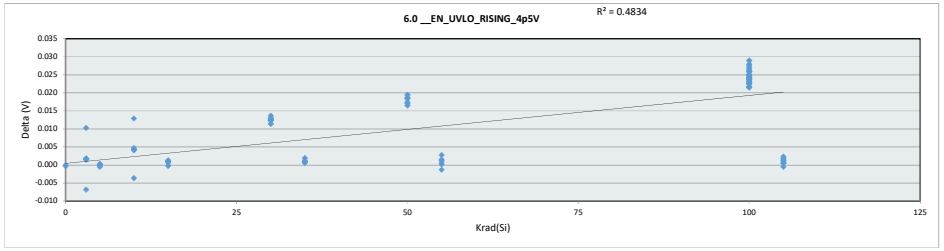
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	61.500	60.047	60.602	59.845	60.613	58.999	60.558	63.651	60.942	57.037	60.360
Average	63.515	62.424	64.629	62.483	64.729	61.980	64.777	65.706	64.656	63.228	62.680
Max	65.530	65.980	68.536	66.330	68.260	65.766	68.873	69.213	71.276	67.073	64.522
UL	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000	83.000



LDR TID Report
TPS7H2211-SP

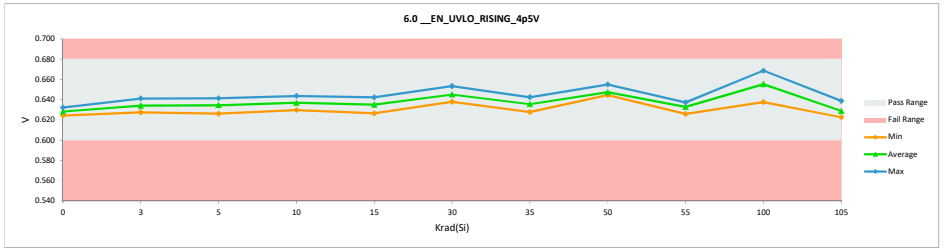
	6.0 __EN_UVLO_RISING_4p5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.68	0.68
Min Limit	0.6	0.6

Krad(Si)	Serial #	PRE	POST	Delta
0	201	0.625	0.624	0.000
0	202	0.632	0.632	0.000
3	208	0.626	0.627	0.002
3	209	0.635	0.636	0.002
3	210	0.628	0.629	0.002
3	211	0.640	0.633	-0.007
3	212	0.631	0.641	0.010
3	213	0.636	0.638	0.002
5	214	0.633	0.633	0.000
5	215	0.627	0.626	0.000
5	216	0.641	0.641	0.000
5	217	0.628	0.628	0.000
5	218	0.638	0.638	0.000
5	219	0.641	0.641	0.000
10	220	0.626	0.630	0.004
10	221	0.635	0.639	0.005
10	222	0.628	0.632	0.004
10	223	0.640	0.636	-0.004
10	224	0.631	0.644	0.013
10	225	0.636	0.641	0.004
15	226	0.633	0.634	0.001
15	227	0.627	0.627	0.000
15	228	0.641	0.641	0.001
15	229	0.628	0.628	0.000
15	230	0.638	0.639	0.001
15	231	0.641	0.642	0.001
30	232	0.626	0.638	0.012
30	233	0.635	0.647	0.012
30	234	0.628	0.641	0.013
30	235	0.631	0.642	0.011
30	236	0.640	0.653	0.014
30	237	0.636	0.649	0.013
35	238	0.633	0.635	0.002
35	239	0.627	0.628	0.001
35	240	0.641	0.641	0.001
35	241	0.628	0.629	0.001
35	242	0.638	0.639	0.001
35	243	0.641	0.642	0.001
50	244	0.636	0.655	0.019
50	245	0.626	0.645	0.019
50	246	0.629	0.647	0.017
50	247	0.628	0.645	0.017
50	248	0.630	0.647	0.016
50	249	0.628	0.646	0.018
55	251	0.630	0.631	0.001
55	253	0.637	0.637	0.000
55	254	0.634	0.635	0.001
55	255	0.636	0.635	-0.001
55	258	0.624	0.626	0.001
55	259	0.631	0.634	0.003
100	261	0.629	0.652	0.024
100	262	0.623	0.649	0.026
100	264	0.635	0.656	0.021
100	265	0.613	0.638	0.025
100	266	0.629	0.656	0.027
100	267	0.629	0.655	0.026
100	268	0.638	0.663	0.024
100	269	0.627	0.651	0.024
100	270	0.631	0.657	0.026
100	271	0.624	0.650	0.025
100	272	0.639	0.663	0.024
100	273	0.624	0.647	0.023
100	274	0.632	0.657	0.024
100	275	0.631	0.657	0.026
100	277	0.632	0.654	0.022
100	278	0.637	0.665	0.028
100	279	0.645	0.669	0.024
100	280	0.628	0.652	0.024
100	281	0.637	0.663	0.026
100	282	0.631	0.653	0.022
100	283	0.635	0.664	0.029
100	284	0.634	0.657	0.023
100	285	0.624	0.652	0.027
100	286	0.627	0.649	0.022
105	287	0.623	0.625	0.001
105	289	0.639	0.639	-0.001
105	290	0.632	0.633	0.001
105	291	0.628	0.629	0.000
105	292	0.621	0.623	0.002
105	293	0.623	0.626	0.002
Max		0.645	0.669	0.029
Average		0.632	0.642	0.010
Min		0.613	0.623	-0.007
Std Dev		0.006	0.011	0.011



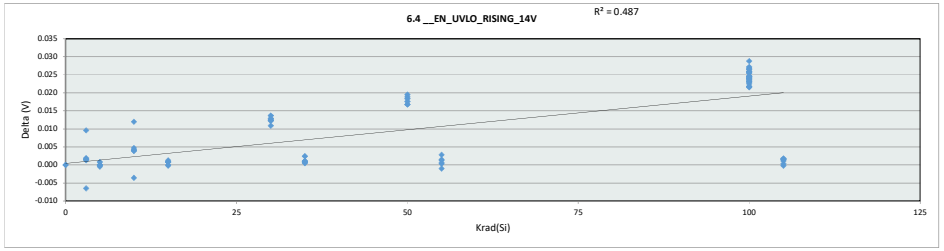
	6.0 __EN_UVLO_RISING_4p5V	
Test Site		
Tester		
Test Number		
Max Limit	0.68	V
Min Limit	0.6	V

Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600
Min	0.624	0.628	0.626	0.630	0.627	0.638	0.628	0.645	0.626	0.638	0.623
Average	0.628	0.634	0.635	0.637	0.635	0.645	0.636	0.647	0.633	0.655	0.629
Max	0.632	0.641	0.642	0.644	0.642	0.653	0.643	0.655	0.637	0.669	0.639
UL	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680

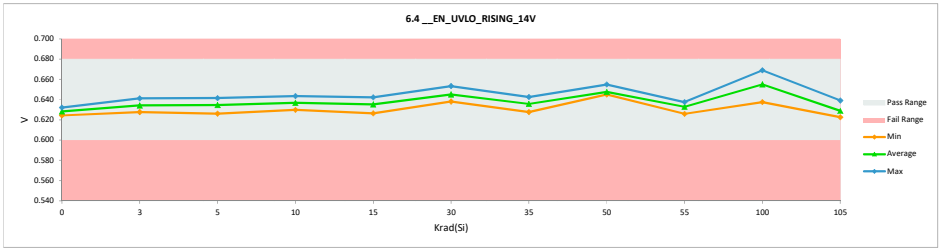


LDR TID Report
TPS7H2211-SP

6.4 __EN_UVLO_RISING_14V				
Test Site				
Tester				
Test Number				
Unit	V	V		
Max Limit	0.68	0.68		
Min Limit	0.6	0.6		
Krad(Si)	Serial #	PRE	POST	Delta
0	201	0.624	0.624	0.000
0	202	0.632	0.632	0.000
3	208	0.626	0.628	0.002
3	209	0.635	0.636	0.002
3	210	0.628	0.629	0.001
3	211	0.640	0.633	-0.007
3	212	0.632	0.641	0.010
3	213	0.637	0.638	0.002
5	214	0.633	0.634	0.001
5	215	0.627	0.626	0.000
5	216	0.641	0.641	0.000
5	217	0.628	0.628	0.000
5	218	0.638	0.638	0.000
5	219	0.641	0.641	0.000
10	220	0.626	0.630	0.004
10	221	0.635	0.639	0.005
10	222	0.628	0.632	0.004
10	223	0.640	0.636	-0.004
10	224	0.632	0.644	0.012
10	225	0.637	0.641	0.004
15	226	0.633	0.634	0.001
15	227	0.627	0.627	0.000
15	228	0.641	0.641	0.001
15	229	0.628	0.628	0.000
15	230	0.638	0.639	0.001
15	231	0.641	0.642	0.001
30	232	0.626	0.638	0.012
30	233	0.635	0.647	0.012
30	234	0.628	0.641	0.012
30	235	0.632	0.642	0.011
30	236	0.640	0.653	0.014
30	237	0.637	0.650	0.013
35	238	0.633	0.635	0.002
35	239	0.627	0.628	0.001
35	240	0.641	0.641	0.001
35	241	0.628	0.629	0.001
35	242	0.638	0.639	0.001
35	243	0.641	0.642	0.001
50	244	0.636	0.655	0.019
50	245	0.626	0.645	0.019
50	246	0.629	0.647	0.018
50	247	0.628	0.645	0.017
50	248	0.630	0.647	0.017
50	249	0.628	0.647	0.018
55	251	0.630	0.631	0.001
55	253	0.637	0.638	0.000
55	254	0.634	0.635	0.001
55	255	0.636	0.635	-0.001
55	258	0.624	0.626	0.001
55	259	0.631	0.634	0.003
100	261	0.629	0.652	0.023
100	262	0.623	0.649	0.026
100	264	0.635	0.656	0.021
100	265	0.613	0.638	0.025
100	266	0.629	0.656	0.027
100	267	0.628	0.654	0.026
100	268	0.638	0.662	0.024
100	269	0.627	0.651	0.024
100	270	0.631	0.657	0.026
100	271	0.625	0.649	0.025
100	272	0.639	0.663	0.024
100	273	0.624	0.647	0.023
100	274	0.632	0.657	0.024
100	275	0.631	0.656	0.026
100	277	0.632	0.653	0.022
100	278	0.637	0.664	0.027
100	279	0.645	0.669	0.024
100	280	0.628	0.652	0.024
100	281	0.637	0.663	0.025
100	282	0.631	0.653	0.022
100	283	0.635	0.663	0.029
100	284	0.634	0.657	0.023
100	285	0.625	0.652	0.027
100	286	0.627	0.649	0.022
105	287	0.623	0.625	0.002
105	289	0.639	0.639	0.000
105	290	0.632	0.633	0.001
105	291	0.629	0.629	0.000
105	292	0.621	0.623	0.002
105	293	0.623	0.625	0.002
Max		0.645	0.669	0.029
Average		0.632	0.642	0.010
Min		0.613	0.623	-0.007
Std Dev		0.006	0.011	0.011



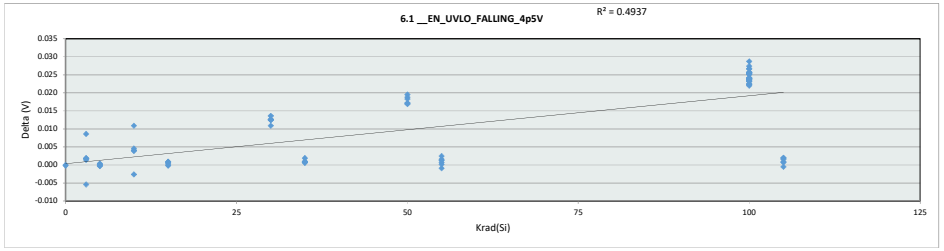
6.4 __EN_UVLO_RISING_14V											
Test Site											
Tester											
Test Number											
Max Limit	0.68	V									
Min Limit	0.6	V									
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600
Min	0.624	0.628	0.626	0.630	0.627	0.638	0.628	0.645	0.626	0.638	0.623
Average	0.628	0.634	0.635	0.637	0.635	0.645	0.636	0.648	0.633	0.655	0.629
Max	0.632	0.641	0.642	0.644	0.642	0.653	0.643	0.655	0.638	0.669	0.639
UL	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680



LDR TID Report
TPS7H2211-SP

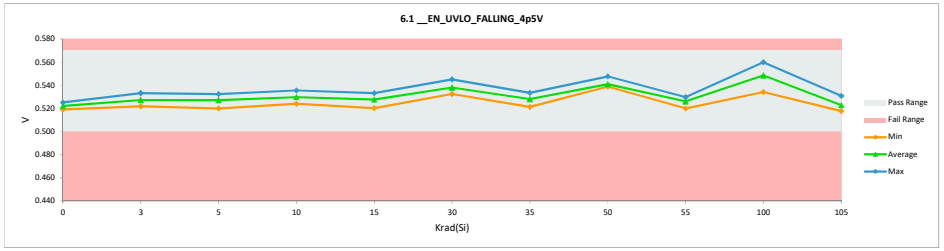
	6.1 __EN_UVLO_FALLING_4p5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.57	0.57
Min Limit	0.5	0.5

Krad(Si)	Serial #	PRE	POST	Delta
0	201	0.519	0.519	0.000
0	202	0.525	0.525	0.000
3	208	0.520	0.522	0.002
3	209	0.527	0.529	0.002
3	210	0.522	0.523	0.001
3	211	0.531	0.526	-0.005
3	212	0.525	0.533	0.009
3	213	0.529	0.530	0.002
5	214	0.526	0.526	0.000
5	215	0.520	0.520	0.000
5	216	0.532	0.532	0.000
5	217	0.522	0.522	0.000
5	218	0.530	0.530	0.000
5	219	0.533	0.533	0.000
10	220	0.520	0.524	0.004
10	221	0.527	0.532	0.005
10	222	0.522	0.526	0.004
10	223	0.531	0.529	-0.003
10	224	0.525	0.535	0.011
10	225	0.529	0.533	0.004
15	226	0.526	0.527	0.001
15	227	0.520	0.520	0.000
15	228	0.532	0.533	0.001
15	229	0.522	0.522	0.000
15	230	0.530	0.531	0.001
15	231	0.533	0.533	0.000
30	232	0.520	0.533	0.013
30	233	0.527	0.540	0.013
30	234	0.522	0.534	0.012
30	235	0.525	0.535	0.011
30	236	0.531	0.545	0.014
30	237	0.529	0.541	0.013
35	238	0.526	0.528	0.002
35	239	0.520	0.521	0.001
35	240	0.532	0.533	0.001
35	241	0.522	0.523	0.001
35	242	0.530	0.531	0.001
35	243	0.533	0.534	0.001
50	244	0.528	0.548	0.019
50	245	0.520	0.539	0.019
50	246	0.523	0.540	0.017
50	247	0.522	0.539	0.017
50	248	0.524	0.541	0.017
50	249	0.521	0.540	0.018
55	251	0.523	0.525	0.001
55	253	0.530	0.530	0.000
55	254	0.527	0.528	0.001
55	255	0.529	0.528	-0.001
55	258	0.518	0.520	0.002
55	259	0.524	0.527	0.002
100	261	0.523	0.546	0.023
100	262	0.518	0.544	0.025
100	264	0.527	0.549	0.022
100	265	0.509	0.534	0.025
100	266	0.523	0.549	0.027
100	267	0.522	0.548	0.026
100	268	0.530	0.554	0.024
100	269	0.520	0.544	0.024
100	270	0.525	0.550	0.025
100	271	0.518	0.544	0.025
100	272	0.531	0.555	0.024
100	273	0.519	0.543	0.023
100	274	0.526	0.550	0.024
100	275	0.524	0.549	0.025
100	277	0.525	0.547	0.022
100	278	0.530	0.557	0.027
100	279	0.536	0.560	0.024
100	280	0.522	0.546	0.024
100	281	0.529	0.555	0.026
100	282	0.525	0.547	0.022
100	283	0.526	0.555	0.029
100	284	0.526	0.550	0.024
100	285	0.518	0.545	0.027
100	286	0.520	0.543	0.023
105	287	0.518	0.519	0.002
105	289	0.531	0.531	-0.001
105	290	0.525	0.526	0.001
105	291	0.522	0.523	0.001
105	292	0.516	0.518	0.002
105	293	0.518	0.520	0.002
Max		0.536	0.560	0.029
Average		0.525	0.535	0.010
Min		0.509	0.518	-0.005
Std Dev		0.005	0.011	0.011



	6.1 __EN_UVLO_FALLING_4p5	
Test Site		
Tester		
Test Number		
Max Limit	0.57	V
Min Limit	0.5	V

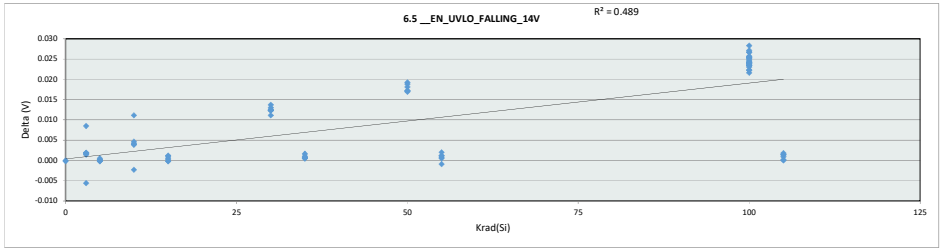
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	0.519	0.522	0.520	0.524	0.520	0.533	0.521	0.539	0.520	0.534	0.518
Average	0.522	0.527	0.527	0.530	0.528	0.538	0.528	0.541	0.526	0.548	0.523
Max	0.525	0.533	0.533	0.536	0.533	0.545	0.534	0.548	0.530	0.560	0.531
UL	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570



LDR TID Report
TPS7H2211-SP

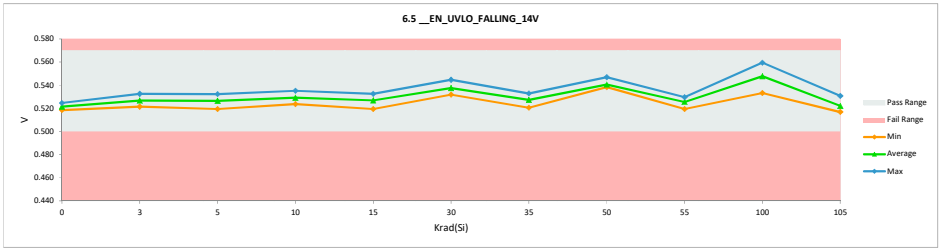
	6.5 __EN_UVLO_FALLING_14V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	0.57	0.57
Min Limit	0.5	0.5

Krad(Si)	Serial #	PRE	POST	Delta
0	201	0.519	0.518	0.000
0	202	0.525	0.525	0.000
3	208	0.520	0.521	0.002
3	209	0.526	0.528	0.002
3	210	0.521	0.523	0.001
3	211	0.531	0.525	-0.006
3	212	0.524	0.533	0.009
3	213	0.528	0.530	0.002
5	214	0.525	0.525	0.000
5	215	0.520	0.519	0.000
5	216	0.531	0.531	0.001
5	217	0.521	0.521	0.000
5	218	0.530	0.530	0.000
5	219	0.532	0.532	0.000
10	220	0.520	0.524	0.004
10	221	0.526	0.531	0.005
10	222	0.521	0.525	0.004
10	223	0.531	0.529	-0.002
10	224	0.524	0.535	0.011
10	225	0.528	0.532	0.004
15	226	0.525	0.526	0.001
15	227	0.520	0.519	0.000
15	228	0.531	0.532	0.001
15	229	0.521	0.521	0.000
15	230	0.530	0.530	0.000
15	231	0.532	0.533	0.000
30	232	0.520	0.532	0.012
30	233	0.526	0.539	0.012
30	234	0.521	0.534	0.012
30	235	0.524	0.535	0.011
30	236	0.531	0.545	0.014
30	237	0.528	0.541	0.013
35	238	0.525	0.527	0.002
35	239	0.520	0.521	0.001
35	240	0.531	0.532	0.001
35	241	0.521	0.522	0.001
35	242	0.530	0.530	0.000
35	243	0.532	0.533	0.001
50	244	0.528	0.547	0.019
50	245	0.520	0.538	0.019
50	246	0.522	0.539	0.017
50	247	0.521	0.538	0.017
50	248	0.523	0.540	0.017
50	249	0.521	0.539	0.018
55	251	0.523	0.524	0.001
55	253	0.529	0.530	0.001
55	254	0.527	0.527	0.000
55	255	0.528	0.527	-0.001
55	258	0.518	0.519	0.001
55	259	0.524	0.526	0.002
100	261	0.522	0.545	0.023
100	262	0.517	0.543	0.025
100	264	0.527	0.548	0.022
100	265	0.508	0.533	0.025
100	266	0.522	0.549	0.027
100	267	0.521	0.547	0.026
100	268	0.530	0.554	0.024
100	269	0.520	0.544	0.024
100	270	0.524	0.549	0.025
100	271	0.518	0.543	0.025
100	272	0.530	0.554	0.024
100	273	0.518	0.542	0.023
100	274	0.525	0.549	0.024
100	275	0.523	0.549	0.025
100	277	0.524	0.546	0.022
100	278	0.529	0.556	0.027
100	279	0.535	0.559	0.024
100	280	0.521	0.545	0.023
100	281	0.529	0.554	0.025
100	282	0.524	0.546	0.022
100	283	0.526	0.554	0.028
100	284	0.525	0.549	0.024
100	285	0.518	0.545	0.027
100	286	0.520	0.543	0.023
105	287	0.517	0.519	0.001
105	289	0.531	0.531	0.000
105	290	0.524	0.525	0.001
105	291	0.522	0.522	0.000
105	292	0.515	0.517	0.001
105	293	0.517	0.519	0.002
	Max	0.535	0.559	0.028
	Average	0.524	0.535	0.010
	Min	0.508	0.517	-0.006
	Std Dev	0.005	0.011	0.011



	6.5 __EN_UVLO_FALLING_14V	
Test Site		
Tester		
Test Number		
Max Limit	0.57	V
Min Limit	0.5	V

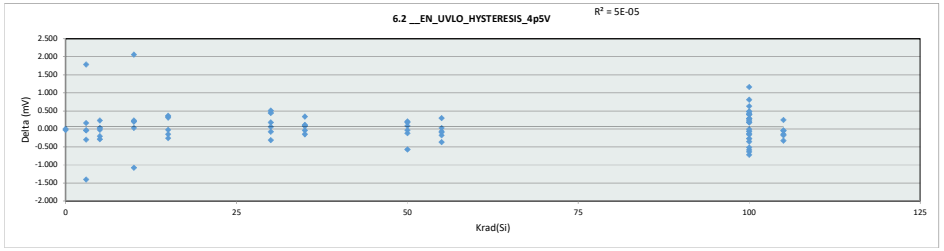
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Min	0.518	0.521	0.519	0.524	0.519	0.532	0.521	0.538	0.519	0.533	0.517
Average	0.522	0.527	0.527	0.529	0.527	0.537	0.527	0.540	0.526	0.548	0.522
Max	0.525	0.533	0.532	0.535	0.533	0.545	0.533	0.547	0.530	0.559	0.531
UL	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570	0.570



LDR TID Report
TPS7H2211-SP

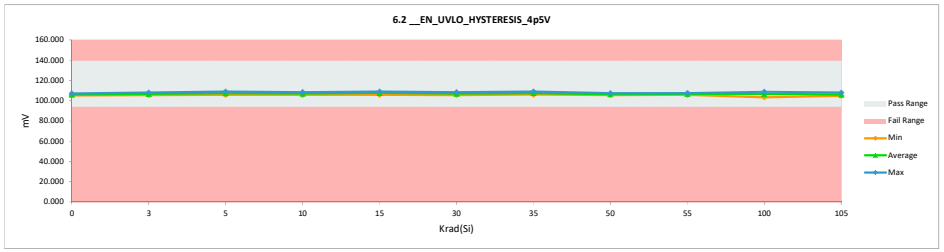
	6.2 __EN_UVLO_HYSTERESIS_4pSV	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	139	139
Min Limit	94	94

Krad(Si)	Serial #	PRE	POST	Delta
0	201	105.338	105.310	-0.028
0	202	107.056	107.056	0.000
3	208	105.678	105.638	-0.040
3	209	107.534	107.234	-0.300
3	210	105.897	106.061	0.164
3	211	108.312	106.907	-1.405
3	212	106.225	108.013	1.788
3	213	107.725	107.684	-0.041
5	214	107.139	107.166	0.027
5	215	106.484	106.196	-0.288
5	216	108.857	108.884	0.027
5	217	105.924	105.897	-0.027
5	218	107.889	107.684	-0.205
5	219	108.735	108.967	0.232
10	220	105.678	105.883	0.205
10	221	107.534	107.562	0.028
10	222	105.897	106.129	0.232
10	223	108.312	107.234	-1.078
10	224	106.225	108.285	2.060
10	225	107.725	107.930	0.205
15	226	107.139	107.507	0.368
15	227	106.484	106.224	-0.260
15	228	108.857	108.708	-0.149
15	229	105.924	105.897	-0.027
15	230	107.889	108.231	0.342
15	231	108.735	109.049	0.314
30	232	105.678	105.598	-0.080
30	233	107.534	107.223	-0.311
30	234	105.897	106.075	0.178
30	235	106.225	106.730	0.505
30	236	108.312	108.369	0.057
30	237	107.725	108.164	0.439
35	238	107.139	107.098	-0.041
35	239	106.484	106.592	0.108
35	240	108.857	108.708	-0.149
35	241	105.924	106.007	0.083
35	242	107.889	107.971	0.082
35	243	108.735	109.076	0.341
50	244	107.412	107.374	-0.038
50	245	105.706	105.585	-0.121
50	246	106.525	106.731	0.206
50	247	106.156	106.336	0.180
50	248	106.633	106.063	-0.570
50	249	106.620	106.704	0.084
55	251	106.320	106.225	-0.095
55	253	107.576	107.603	0.027
55	254	107.043	106.866	-0.177
55	255	107.207	106.838	-0.369
55	258	106.005	105.937	-0.068
55	259	106.689	106.989	0.300
100	261	106.007	106.404	0.397
100	262	105.201	105.614	0.413
100	264	107.302	106.787	-0.515
100	265	103.618	103.457	-0.161
100	266	106.266	106.555	0.289
100	267	106.702	106.882	0.180
100	268	107.684	108.165	0.481
100	269	106.224	106.213	-0.011
100	270	105.993	107.155	1.162
100	271	106.005	105.873	-0.132
100	272	107.971	107.701	-0.270
100	273	105.051	104.700	-0.351
100	274	106.620	107.100	0.480
100	275	107.152	107.564	0.412
100	277	107.288	106.568	-0.720
100	278	107.576	108.207	0.631
100	279	108.599	108.820	0.221
100	280	106.183	106.118	-0.065
100	281	108.298	108.479	0.181
100	282	106.225	106.514	0.289
100	283	108.229	108.506	0.277
100	284	107.943	107.360	-0.583
100	285	106.005	106.814	0.809
100	286	106.224	105.586	-0.638
105	287	105.665	105.338	-0.327
105	289	108.053	107.999	-0.054
105	290	107.288	107.139	-0.149
105	291	106.183	106.007	-0.176
105	292	104.928	104.888	-0.040
105	293	105.201	105.447	0.246
	Max	108.857	109.076	2.060
	Average	106.865	106.927	0.062
	Min	103.618	103.457	-1.405
	Std Dev	1.103	1.137	0.481



	6.2 __EN_UVLO_HYSTERESIS_	
Test Site		
Tester		
Test Number		
Max Limit	139	mV
Min Limit	94	mV

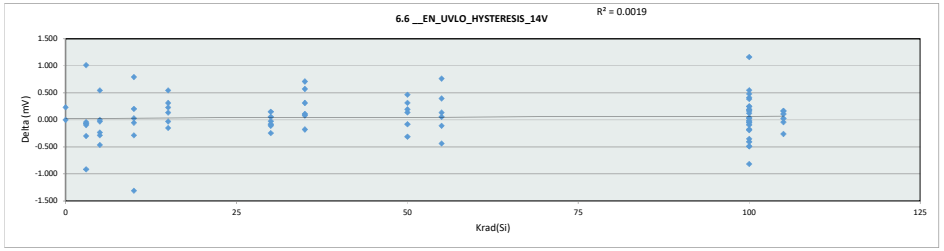
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000
Min	105.310	105.638	105.897	105.883	105.897	105.598	106.007	105.585	105.937	103.457	104.888
Average	106.183	106.923	107.466	107.171	107.603	107.027	107.575	106.466	106.743	106.798	106.136
Max	107.056	108.013	108.967	108.285	109.049	108.369	109.076	107.374	107.603	108.820	107.999
UL	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000



LDR TID Report
TPS7H2211-SP

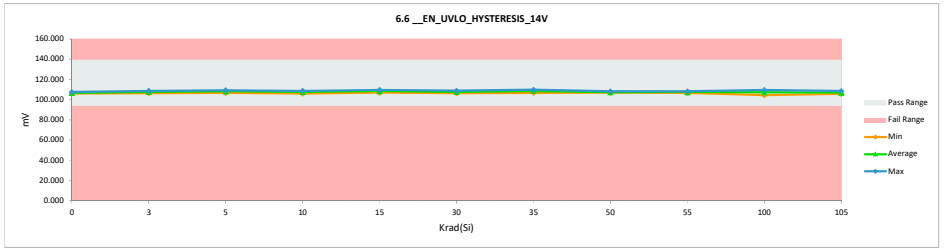
6.6 __EN_UVLO_HYSTERESIS_14V		
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	139	139
Min Limit	94	94

Krad(Si)	Serial #	PRE	POST	Delta
0	201	105.773	106.005	0.232
0	202	107.520	107.520	0.000
3	208	106.401	106.361	-0.040
3	209	108.229	108.161	-0.068
3	210	106.620	106.525	-0.095
3	211	108.776	107.862	-0.914
3	212	107.697	108.708	1.011
3	213	108.679	108.380	-0.299
5	214	107.834	108.380	0.546
5	215	107.179	106.892	-0.287
5	216	109.812	109.348	-0.464
5	217	106.620	106.592	-0.028
5	218	108.612	108.380	-0.232
5	219	109.199	109.199	0.000
10	220	106.401	106.115	-0.286
10	221	108.229	108.258	0.029
10	222	106.620	106.825	0.205
10	223	108.776	107.466	-1.310
10	224	107.697	108.490	0.793
10	225	108.679	108.625	-0.054
15	226	107.834	107.970	0.136
15	227	107.179	107.151	-0.028
15	228	109.812	109.662	-0.150
15	229	106.620	106.851	0.231
15	230	108.612	108.926	0.314
15	231	109.199	109.744	0.545
30	232	106.401	106.293	-0.108
30	233	108.229	108.150	-0.079
30	234	106.620	106.771	0.151
30	235	107.697	107.453	-0.244
30	236	108.776	108.832	0.056
30	237	108.679	108.654	-0.025
35	238	107.834	108.544	0.710
35	239	107.179	107.288	0.109
35	240	109.812	109.635	-0.177
35	241	106.620	106.702	0.082
35	242	108.612	108.926	0.314
35	243	109.199	109.771	0.572
50	244	107.875	108.069	0.194
50	245	106.660	106.799	0.139
50	246	107.220	107.686	0.466
50	247	107.110	106.799	-0.311
50	248	107.097	107.018	-0.079
50	249	107.110	107.426	0.316
55	251	106.784	106.920	0.136
55	253	108.530	108.094	-0.436
55	254	107.507	107.562	0.055
55	255	107.902	107.794	-0.108
55	258	106.237	106.633	0.396
55	259	106.920	107.684	0.764
100	261	106.961	106.868	-0.093
100	262	105.897	106.282	0.385
100	264	107.766	107.714	-0.052
100	265	104.573	104.385	-0.188
100	266	106.961	106.991	0.030
100	267	107.110	107.291	0.181
100	268	108.380	108.369	-0.011
100	269	106.715	106.909	0.194
100	270	106.689	107.851	1.162
100	271	106.497	106.541	0.044
100	272	108.666	108.628	-0.038
100	273	105.746	105.395	-0.351
100	274	107.315	107.564	0.249
100	275	107.588	108.000	0.412
100	277	107.466	106.978	-0.488
100	278	108.271	108.097	-0.174
100	279	109.294	109.543	0.249
100	280	106.879	107.045	0.166
100	281	108.762	108.887	0.125
100	282	107.152	106.663	-0.489
100	283	108.693	109.174	0.481
100	284	108.639	107.824	-0.815
100	285	106.497	107.045	0.548
100	286	106.919	106.514	-0.405
105	287	106.128	106.292	0.164
105	289	108.749	108.490	-0.259
105	290	107.697	107.807	0.110
105	291	106.934	106.961	0.027
105	292	105.651	105.815	0.164
105	293	105.638	105.597	-0.041
Max		109.812	109.771	1.162
Average		107.543	107.593	0.050
Min		104.573	104.385	-1.310
Std Dev		1.103	1.106	0.390



6.6 __EN_UVLO_HYSTERESIS		
Test Site		
Tester		
Test Number		
Max Limit	139	mV
Min Limit	94	mV

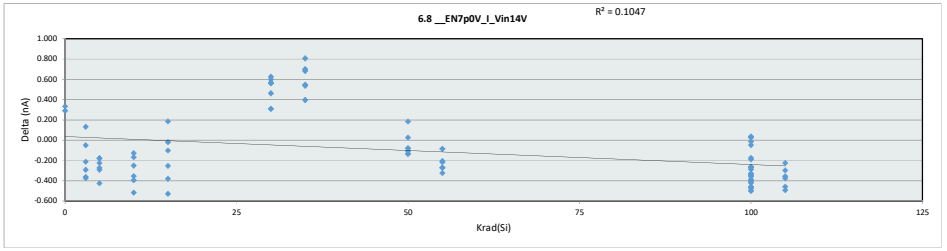
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000	94.000
Min	106.005	106.361	106.592	106.115	106.851	106.293	106.702	106.799	106.633	104.385	105.597
Average	106.763	107.666	108.132	107.630	108.384	107.692	108.478	107.300	107.448	107.357	106.827
Max	107.520	108.708	109.348	108.625	109.744	108.832	109.771	108.069	108.094	109.543	108.490
UL	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000	139.000



LDR TID Report
TPS7H2211-SP

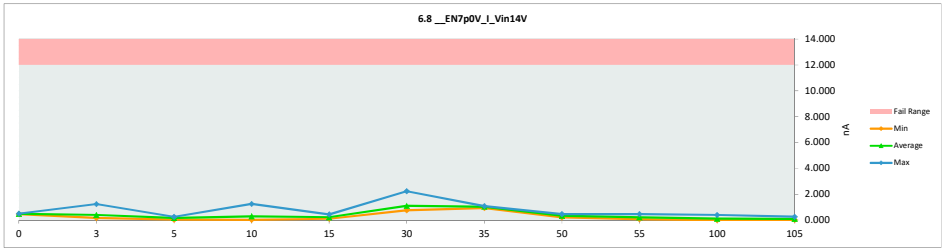
	6.8 __EN7p0V_I_Vin14V		
Test Site			
Tester			
Test Number			
Unit	nA	nA	
Max Limit	12	12	
Min Limit			

Krad(Si)	Serial #	PRE	POST	Delta
0	201	0.209	0.500	0.291
0	202	0.141	0.476	0.335
3	208	1.609	1.247	-0.362
3	209	0.380	0.168	-0.212
3	210	0.449	0.157	-0.292
3	211	0.270	0.403	0.133
3	212	0.548	0.173	-0.375
3	213	0.322	0.272	-0.050
5	214	0.551	0.259	-0.292
5	215	0.425	0.248	-0.177
5	216	0.638	0.213	-0.425
5	217	0.261	0.037	-0.224
5	218	0.278	0.099	-0.179
5	219	0.347	0.075	-0.272
10	220	1.609	1.255	-0.354
10	221	0.380	0.130	-0.250
10	222	0.449	0.055	-0.394
10	223	0.270	0.143	-0.127
10	224	0.548	0.031	-0.517
10	225	0.322	0.154	-0.168
15	226	0.551	0.171	-0.380
15	227	0.425	0.172	-0.253
15	228	0.638	0.110	-0.528
15	229	0.261	0.447	0.186
15	230	0.278	0.259	-0.019
15	231	0.347	0.245	-0.102
30	232	1.609	2.235	0.626
30	233	0.380	0.946	0.566
30	234	0.449	0.759	0.310
30	235	0.548	1.010	0.462
30	236	0.270	0.870	0.600
30	237	0.322	0.884	0.562
35	238	0.551	1.089	0.538
35	239	0.425	0.971	0.546
35	240	0.638	1.035	0.397
35	241	0.261	0.943	0.682
35	242	0.278	1.084	0.806
35	243	0.347	1.048	0.701
50	244	0.285	0.470	0.185
50	245	0.423	0.345	-0.078
50	246	0.577	0.445	-0.132
50	247	0.315	0.210	-0.105
50	248	0.244	0.271	0.027
50	249	0.426	0.292	-0.134
55	251	0.575	0.359	-0.216
55	253	0.407	0.083	-0.324
55	254	0.337	0.132	-0.205
55	255	0.405	0.137	-0.268
55	258	0.243	0.158	-0.085
55	259	0.749	0.476	-0.273
100	261	0.389	0.001	-0.388
100	262	0.324	0.057	-0.267
100	264	0.190	0.016	-0.174
100	265	0.409	0.014	-0.395
100	266	0.430	0.021	-0.409
100	267	0.469	0.141	-0.328
100	268	0.570	0.111	-0.459
100	269	0.555	0.080	-0.475
100	270	0.450	0.093	-0.357
100	271	0.268	0.002	-0.266
100	272	0.152	0.188	0.036
100	273	0.256	0.281	0.025
100	274	0.627	0.165	-0.462
100	275	0.488	0.067	-0.421
100	277	0.523	0.025	-0.498
100	278	0.456	0.196	-0.260
100	279	0.353	0.002	-0.351
100	280	0.600	0.101	-0.499
100	281	0.378	0.189	-0.189
100	282	0.258	0.245	-0.013
100	283	0.367	0.319	-0.048
100	284	0.501	0.215	-0.286
100	285	0.384	0.043	-0.341
100	286	0.370	0.406	0.036
105	287	0.753	0.261	-0.492
105	289	0.317	0.020	-0.297
105	290	0.291	0.067	-0.224
105	291	0.448	0.092	-0.356
105	292	0.428	0.052	-0.376
105	293	0.593	0.135	-0.458
	Max	1.609	2.235	0.806
	Average	0.452	0.342	-0.110
	Min	0.141	0.001	-0.528
	Std Dev	0.266	0.398	0.342



	6.8 __EN7p0V_I_Vin14V	
Test Site		
Tester		
Test Number		
Max Limit	12	nA
Min Limit		nA

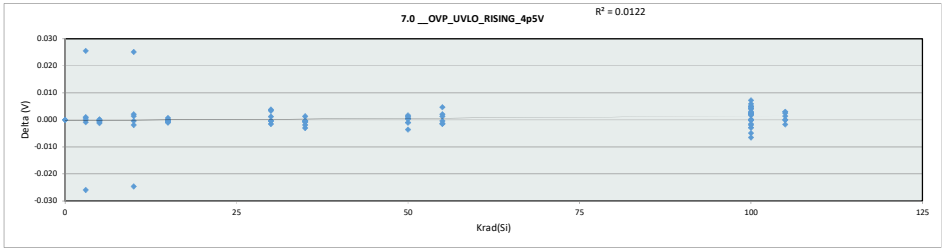
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	0.476	0.157	0.037	0.031	0.110	0.759	0.943	0.210	0.083	0.001	0.020
Average	0.488	0.403	0.155	0.295	0.234	1.117	1.028	0.339	0.224	0.124	0.105
Max	0.500	1.247	0.259	1.255	0.447	2.235	1.089	0.470	0.476	0.406	0.261
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



LDR TID Report
TPS7H2211-SP

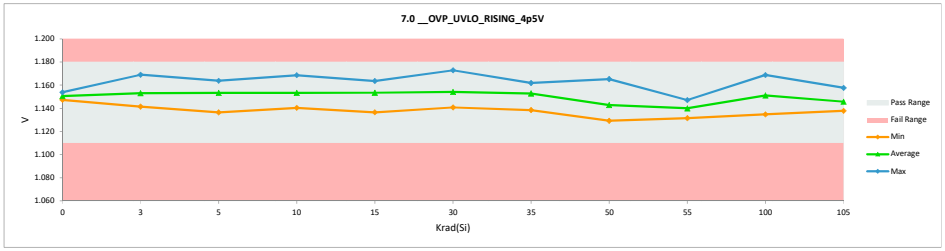
	7.0 __OVP_UVLO_RISING_4p5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.18	1.18
Min Limit	1.11	1.11

Krad(Si)	Serial #	PRE	POST	Delta
0	201	1.154	1.154	0.000
0	202	1.147	1.147	0.000
3	208	1.142	1.141	-0.001
3	209	1.148	1.148	0.000
3	210	1.165	1.166	0.001
3	211	1.169	1.143	-0.026
3	212	1.143	1.169	0.026
3	213	1.151	1.151	0.001
5	214	1.155	1.155	0.000
5	215	1.137	1.136	-0.001
5	216	1.164	1.164	0.000
5	217	1.150	1.148	-0.001
5	218	1.160	1.160	0.000
5	219	1.157	1.157	0.000
10	220	1.142	1.140	-0.002
10	221	1.148	1.148	0.000
10	222	1.165	1.168	0.002
10	223	1.169	1.144	-0.025
10	224	1.143	1.169	0.025
10	225	1.151	1.152	0.001
15	226	1.155	1.155	0.000
15	227	1.137	1.137	-0.001
15	228	1.164	1.163	0.000
15	229	1.150	1.149	-0.001
15	230	1.160	1.160	0.001
15	231	1.157	1.157	0.000
30	232	1.142	1.141	-0.002
30	233	1.148	1.148	0.000
30	234	1.165	1.169	0.003
30	235	1.143	1.143	0.000
30	236	1.169	1.173	0.004
30	237	1.151	1.152	0.001
35	238	1.155	1.152	-0.003
35	239	1.137	1.138	0.001
35	240	1.164	1.162	-0.002
35	241	1.150	1.149	0.000
35	242	1.160	1.159	-0.001
35	243	1.157	1.157	0.000
50	244	1.165	1.165	0.000
50	245	1.128	1.129	0.002
50	246	1.139	1.139	0.000
50	247	1.138	1.134	-0.004
50	248	1.140	1.139	-0.001
50	249	1.149	1.150	0.001
55	251	1.139	1.138	-0.002
55	253	1.147	1.146	-0.001
55	254	1.132	1.132	0.000
55	255	1.133	1.135	0.002
55	258	1.138	1.142	0.005
55	259	1.146	1.147	0.001
100	261	1.159	1.161	0.002
100	262	1.130	1.137	0.007
100	264	1.138	1.137	0.000
100	265	1.139	1.138	-0.002
100	266	1.140	1.142	0.002
100	267	1.164	1.169	0.005
100	268	1.155	1.157	0.002
100	269	1.156	1.158	0.003
100	270	1.149	1.142	-0.007
100	271	1.149	1.147	-0.002
100	272	1.162	1.165	0.003
100	273	1.147	1.149	0.002
100	274	1.151	1.153	0.002
100	275	1.147	1.149	0.002
100	277	1.135	1.135	0.000
100	278	1.149	1.154	0.005
100	279	1.146	1.150	0.004
100	280	1.161	1.161	0.000
100	281	1.146	1.152	0.006
100	282	1.163	1.160	-0.003
100	283	1.164	1.168	0.004
100	284	1.148	1.149	0.002
100	285	1.150	1.155	0.005
100	286	1.145	1.140	-0.005
105	287	1.148	1.151	0.003
105	289	1.142	1.141	-0.002
105	290	1.141	1.141	0.000
105	291	1.146	1.148	0.001
105	292	1.138	1.138	0.000
105	293	1.155	1.158	0.003
Max		1.169	1.173	0.026
Average		1.150	1.150	0.001
Min		1.128	1.129	-0.026
Std Dev		0.010	0.011	0.006



	7.0 __OVP_UVLO_RISING_4p5	
Test Site		
Tester		
Test Number		
Max Limit	1.18	V
Min Limit	1.11	V

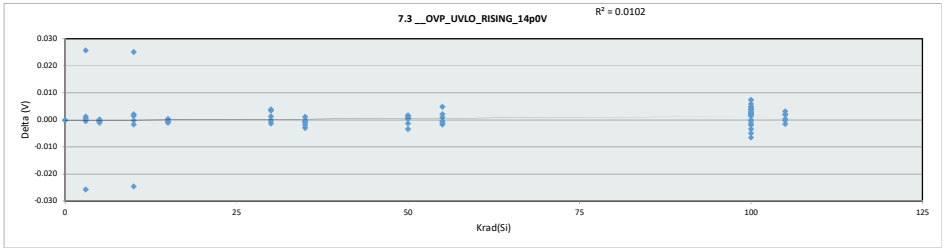
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110
Min	1.147	1.141	1.136	1.140	1.137	1.141	1.139	1.129	1.132	1.135	1.138
Average	1.151	1.153	1.153	1.153	1.154	1.154	1.153	1.143	1.140	1.151	1.146
Max	1.154	1.169	1.164	1.169	1.164	1.173	1.162	1.165	1.147	1.169	1.158
UL	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180



LDR TID Report
TPS7H2211-SP

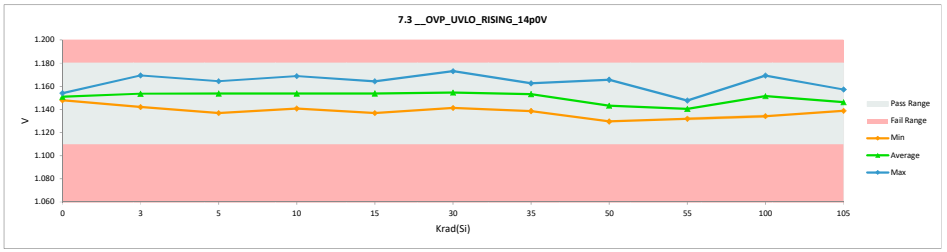
	7.3 __OVP_UVLO_RISING_14p0V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.18	1.18
Min Limit	1.11	1.11

Krad(Si)	Serial #	PRE	POST	Delta
0	201	1.154	1.154	0.000
0	202	1.148	1.148	0.000
3	208	1.143	1.142	-0.001
3	209	1.148	1.148	0.000
3	210	1.166	1.166	0.001
3	211	1.169	1.143	-0.026
3	212	1.144	1.169	0.026
3	213	1.151	1.152	0.001
5	214	1.155	1.155	0.000
5	215	1.137	1.137	-0.001
5	216	1.164	1.164	0.000
5	217	1.150	1.149	-0.001
5	218	1.160	1.160	0.000
5	219	1.158	1.157	-0.001
10	220	1.143	1.141	-0.002
10	221	1.148	1.148	0.000
10	222	1.166	1.168	0.002
10	223	1.169	1.145	-0.025
10	224	1.144	1.169	0.025
10	225	1.151	1.152	0.002
15	226	1.155	1.155	0.000
15	227	1.137	1.137	-0.001
15	228	1.164	1.164	0.000
15	229	1.150	1.149	-0.001
15	230	1.160	1.161	0.000
15	231	1.158	1.157	0.000
30	232	1.143	1.141	-0.001
30	233	1.148	1.148	0.000
30	234	1.166	1.169	0.003
30	235	1.144	1.143	0.000
30	236	1.169	1.173	0.004
30	237	1.151	1.152	0.001
35	238	1.155	1.152	-0.003
35	239	1.137	1.138	0.001
35	240	1.164	1.163	-0.002
35	241	1.150	1.150	0.000
35	242	1.160	1.159	-0.001
35	243	1.158	1.157	0.000
50	244	1.165	1.166	0.001
50	245	1.128	1.130	0.002
50	246	1.139	1.139	0.000
50	247	1.138	1.135	-0.003
50	248	1.140	1.139	-0.001
50	249	1.149	1.151	0.001
55	251	1.140	1.138	-0.002
55	253	1.148	1.146	-0.001
55	254	1.132	1.132	0.000
55	255	1.134	1.136	0.002
55	258	1.138	1.143	0.005
55	259	1.147	1.148	0.001
100	261	1.160	1.162	0.002
100	262	1.130	1.137	0.007
100	264	1.138	1.138	0.000
100	265	1.140	1.138	-0.001
100	266	1.140	1.142	0.002
100	267	1.164	1.169	0.005
100	268	1.155	1.157	0.002
100	269	1.156	1.158	0.002
100	270	1.149	1.143	-0.007
100	271	1.149	1.147	-0.002
100	272	1.163	1.166	0.003
100	273	1.147	1.150	0.002
100	274	1.151	1.154	0.002
100	275	1.147	1.149	0.002
100	277	1.134	1.134	0.000
100	278	1.149	1.154	0.004
100	279	1.146	1.150	0.004
100	280	1.162	1.162	0.000
100	281	1.146	1.152	0.006
100	282	1.164	1.160	-0.003
100	283	1.164	1.168	0.004
100	284	1.148	1.149	0.002
100	285	1.150	1.154	0.004
100	286	1.145	1.140	-0.005
105	287	1.148	1.151	0.003
105	289	1.143	1.141	-0.002
105	290	1.141	1.141	0.000
105	291	1.147	1.149	0.002
105	292	1.138	1.139	0.000
105	293	1.155	1.157	0.002
	Max	1.169	1.173	0.026
	Average	1.150	1.151	0.001
	Min	1.128	1.130	-0.026
	Std Dev	0.010	0.011	0.006



	7.3 __OVP_UVLO_RISING_14p	
Test Site		
Tester		
Test Number		
Max Limit	1.18	V
Min Limit	1.11	V

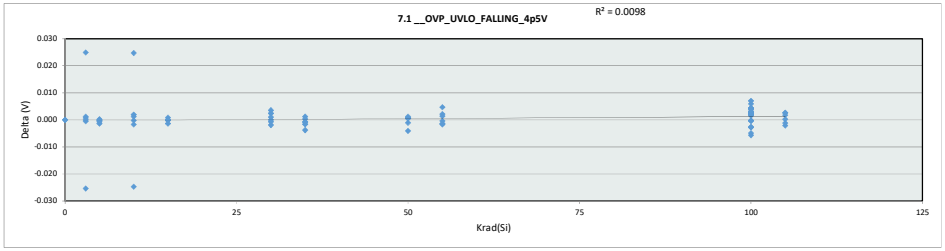
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110	1.110
Min	1.148	1.142	1.137	1.141	1.137	1.141	1.139	1.130	1.132	1.134	1.139
Average	1.151	1.154	1.154	1.154	1.154	1.155	1.153	1.143	1.141	1.151	1.146
Max	1.154	1.169	1.164	1.169	1.164	1.173	1.163	1.166	1.148	1.169	1.157
UL	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180



LDR TID Report
TPS7H2211-SP

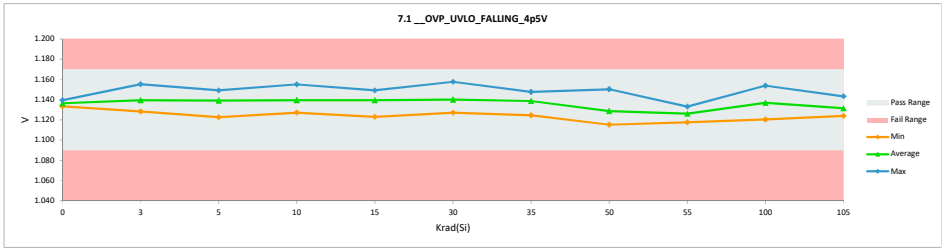
	7.1 __OVP_UVLO_FALLING_4p5V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.17	1.17
Min Limit	1.09	1.09

Krad(Si)	Serial #	PRE	POST	Delta
0	201	1.140	1.140	0.000
0	202	1.133	1.133	0.000
3	208	1.129	1.128	-0.001
3	209	1.134	1.134	0.000
3	210	1.151	1.152	0.001
3	211	1.155	1.130	-0.025
3	212	1.130	1.155	0.025
3	213	1.137	1.138	0.001
5	214	1.141	1.141	0.000
5	215	1.123	1.122	-0.001
5	216	1.149	1.149	0.000
5	217	1.135	1.134	-0.001
5	218	1.145	1.145	0.000
5	219	1.143	1.143	0.000
10	220	1.129	1.127	-0.002
10	221	1.134	1.134	0.000
10	222	1.151	1.153	0.002
10	223	1.155	1.130	-0.025
10	224	1.130	1.155	0.025
10	225	1.137	1.138	0.001
15	226	1.141	1.141	0.000
15	227	1.123	1.123	0.000
15	228	1.149	1.149	0.000
15	229	1.135	1.134	-0.001
15	230	1.145	1.146	0.001
15	231	1.143	1.143	0.000
30	232	1.129	1.127	-0.002
30	233	1.134	1.133	-0.001
30	234	1.151	1.155	0.003
30	235	1.130	1.130	0.000
30	236	1.155	1.158	0.002
30	237	1.137	1.138	0.001
35	238	1.141	1.137	-0.004
35	239	1.123	1.124	0.001
35	240	1.149	1.148	-0.002
35	241	1.135	1.135	-0.001
35	242	1.145	1.144	-0.001
35	243	1.143	1.143	0.000
50	244	1.150	1.150	0.001
50	245	1.115	1.115	0.001
50	246	1.125	1.126	0.001
50	247	1.125	1.121	-0.004
50	248	1.126	1.125	-0.001
50	249	1.135	1.136	0.001
55	251	1.125	1.123	-0.002
55	253	1.133	1.132	-0.001
55	254	1.118	1.118	0.000
55	255	1.120	1.122	0.002
55	258	1.124	1.128	0.005
55	259	1.132	1.133	0.001
100	261	1.144	1.147	0.003
100	262	1.116	1.123	0.007
100	264	1.124	1.124	0.000
100	265	1.126	1.123	-0.003
100	266	1.126	1.128	0.002
100	267	1.149	1.154	0.004
100	268	1.140	1.142	0.002
100	269	1.141	1.143	0.002
100	270	1.135	1.129	-0.006
100	271	1.135	1.132	-0.003
100	272	1.148	1.151	0.003
100	273	1.133	1.135	0.002
100	274	1.136	1.139	0.002
100	275	1.133	1.135	0.003
100	277	1.121	1.120	0.000
100	278	1.135	1.140	0.004
100	279	1.132	1.136	0.004
100	280	1.147	1.147	0.000
100	281	1.131	1.137	0.006
100	282	1.149	1.146	-0.003
100	283	1.149	1.153	0.004
100	284	1.133	1.135	0.002
100	285	1.136	1.140	0.004
100	286	1.130	1.126	-0.005
105	287	1.133	1.136	0.003
105	289	1.129	1.127	-0.002
105	290	1.127	1.126	-0.001
105	291	1.132	1.134	0.002
105	292	1.124	1.124	0.000
105	293	1.141	1.143	0.003
	Max	1.155	1.158	0.025
	Average	1.136	1.136	0.000
	Min	1.115	1.115	-0.025
	Std Dev	0.010	0.010	0.006



	7.1 __OVP_UVLO_FALLING_4p	
Test Site		
Tester		
Test Number		
Max Limit	1.17	V
Min Limit	1.09	V

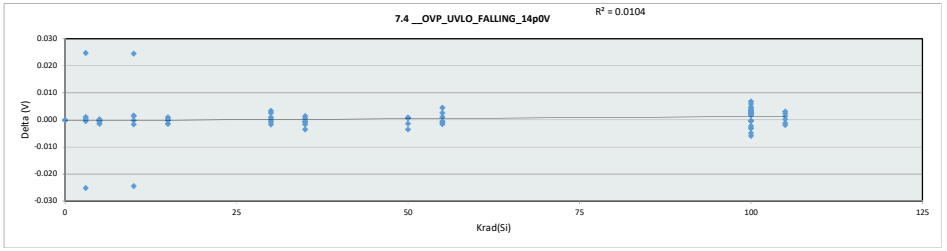
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090
Min	1.133	1.128	1.123	1.127	1.123	1.127	1.124	1.115	1.118	1.120	1.124
Average	1.136	1.139	1.139	1.140	1.139	1.140	1.139	1.129	1.126	1.137	1.131
Max	1.140	1.155	1.149	1.155	1.149	1.158	1.148	1.150	1.133	1.154	1.143
UL	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170



LDR TID Report
TPS7H2211-SP

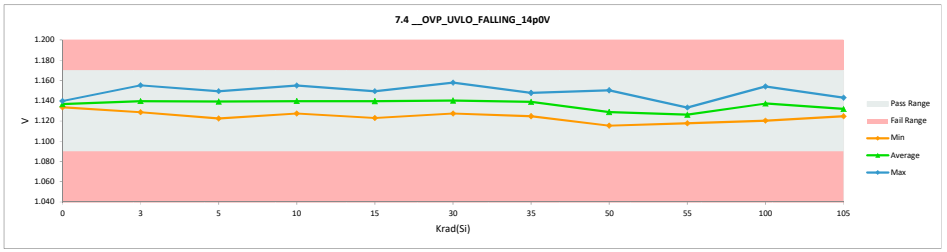
	7.4 __OVP_UVLO_FALLING_14p0V	
Test Site		
Tester		
Test Number		
Unit	V	V
Max Limit	1.17	1.17
Min Limit	1.09	1.09

Krad(Si)	Serial #	PRE	POST	Delta
0	201	1.140	1.140	0.000
0	202	1.134	1.134	0.000
3	208	1.129	1.129	0.000
3	209	1.134	1.134	0.000
3	210	1.151	1.152	0.001
3	211	1.155	1.130	-0.025
3	212	1.130	1.155	0.025
3	213	1.137	1.138	0.001
5	214	1.141	1.141	0.000
5	215	1.123	1.122	-0.001
5	216	1.149	1.149	0.000
5	217	1.135	1.134	-0.002
5	218	1.145	1.145	0.000
5	219	1.143	1.143	0.000
10	220	1.129	1.127	-0.002
10	221	1.134	1.134	0.000
10	222	1.151	1.153	0.002
10	223	1.155	1.131	-0.025
10	224	1.130	1.155	0.025
10	225	1.137	1.138	0.001
15	226	1.141	1.141	0.000
15	227	1.123	1.123	0.000
15	228	1.149	1.149	0.000
15	229	1.135	1.134	-0.002
15	230	1.145	1.146	0.001
15	231	1.143	1.143	0.000
30	232	1.129	1.127	-0.002
30	233	1.134	1.133	-0.001
30	234	1.151	1.155	0.003
30	235	1.130	1.130	0.000
30	236	1.155	1.158	0.003
30	237	1.137	1.138	0.001
35	238	1.141	1.138	-0.004
35	239	1.123	1.125	0.001
35	240	1.149	1.148	-0.002
35	241	1.135	1.135	0.000
35	242	1.145	1.144	-0.001
35	243	1.143	1.144	0.000
50	244	1.150	1.150	0.001
50	245	1.115	1.115	0.001
50	246	1.125	1.126	0.001
50	247	1.125	1.122	-0.003
50	248	1.126	1.125	-0.001
50	249	1.135	1.135	0.001
55	251	1.125	1.124	-0.002
55	253	1.133	1.132	-0.001
55	254	1.118	1.118	0.000
55	255	1.120	1.122	0.003
55	258	1.124	1.129	0.005
55	259	1.132	1.133	0.001
100	261	1.144	1.147	0.003
100	262	1.116	1.123	0.007
100	264	1.125	1.125	0.000
100	265	1.126	1.124	-0.002
100	266	1.126	1.128	0.002
100	267	1.149	1.154	0.005
100	268	1.140	1.143	0.003
100	269	1.141	1.144	0.002
100	270	1.135	1.129	-0.006
100	271	1.135	1.132	-0.003
100	272	1.148	1.151	0.003
100	273	1.133	1.135	0.002
100	274	1.137	1.139	0.002
100	275	1.133	1.135	0.003
100	277	1.121	1.120	0.000
100	278	1.135	1.139	0.004
100	279	1.132	1.136	0.004
100	280	1.148	1.147	0.000
100	281	1.132	1.138	0.006
100	282	1.149	1.146	-0.003
100	283	1.149	1.154	0.005
100	284	1.133	1.135	0.002
100	285	1.137	1.140	0.004
100	286	1.131	1.126	-0.005
105	287	1.133	1.136	0.003
105	289	1.129	1.127	-0.002
105	290	1.127	1.126	-0.001
105	291	1.133	1.134	0.001
105	292	1.124	1.125	0.000
105	293	1.141	1.143	0.002
Max		1.155	1.158	0.025
Average		1.136	1.136	0.001
Min		1.115	1.115	-0.025
Std Dev		0.010	0.010	0.006



	7.4 __OVP_UVLO_FALLING_14	
Test Site		
Tester		
Test Number		
Max Limit	1.17	V
Min Limit	1.09	V

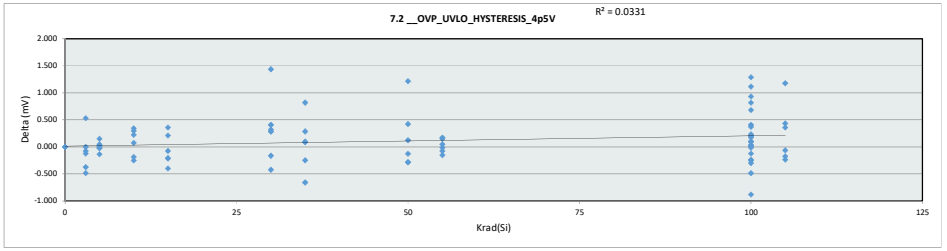
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090	1.090
Min	1.134	1.129	1.123	1.127	1.123	1.127	1.125	1.115	1.118	1.120	1.125
Average	1.137	1.140	1.139	1.140	1.140	1.140	1.139	1.129	1.126	1.137	1.132
Max	1.140	1.155	1.149	1.155	1.149	1.158	1.148	1.150	1.133	1.154	1.143
UL	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170	1.170



LDR TID Report
TPS7H2211-SP

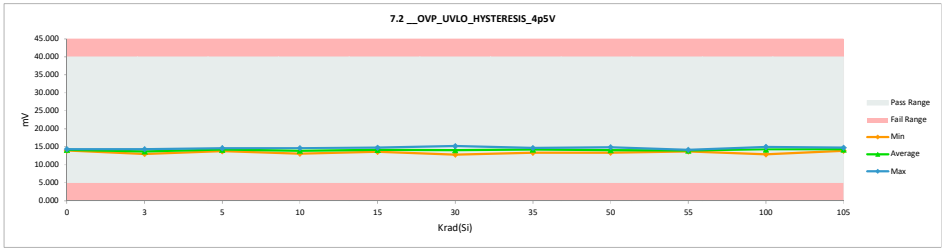
	7.2 __OVP_UVLO_HYSTERESIS_4p5V	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	40	40
Min Limit	5	5

Krad(Si)	Serial #	PRE	POST	Delta
0	201	14.388	14.388	0.000
0	202	13.980	13.980	0.000
3	208	13.398	13.026	-0.372
3	209	14.141	14.141	0.000
3	210	14.436	14.362	-0.074
3	211	13.779	13.298	-0.481
3	212	13.248	13.779	0.531
3	213	13.843	13.719	-0.124
5	214	13.817	13.793	-0.024
5	215	13.993	13.857	-0.136
5	216	14.634	14.634	0.000
5	217	14.413	14.563	0.150
5	218	14.400	14.424	0.024
5	219	13.991	14.041	0.050
10	220	13.398	13.150	-0.248
10	221	14.141	13.955	-0.186
10	222	14.436	14.659	0.223
10	223	13.779	13.856	0.077
10	224	13.248	13.593	0.345
10	225	13.843	14.140	0.297
15	226	13.817	14.028	0.211
15	227	13.993	13.597	-0.396
15	228	14.634	14.424	-0.210
15	229	14.413	14.773	0.360
15	230	14.400	14.325	-0.075
15	231	13.991	13.780	-0.211
30	232	13.398	13.807	0.409
30	233	14.141	14.426	0.285
30	234	14.436	14.274	-0.162
30	235	13.248	12.827	-0.421
30	236	13.779	15.216	1.437
30	237	13.843	14.165	0.322
35	238	13.817	14.637	0.820
35	239	13.993	14.080	0.087
35	240	14.634	14.387	-0.247
35	241	14.413	14.699	0.286
35	242	14.400	14.499	0.099
35	243	13.991	13.334	-0.657
50	244	15.217	14.933	-0.284
50	245	12.780	13.995	1.215
50	246	13.819	13.535	-0.284
50	247	12.976	13.399	0.423
50	248	14.117	14.241	0.124
50	249	14.699	14.574	-0.125
55	251	14.006	14.180	0.174
55	253	14.004	14.154	0.150
55	254	13.907	13.957	0.050
55	255	13.734	13.721	-0.013
55	258	13.944	13.869	-0.075
55	259	14.154	14.004	-0.150
100	261	14.945	14.461	-0.484
100	262	13.238	13.337	0.099
100	264	13.237	13.262	0.025
100	265	13.274	14.390	1.116
100	266	14.142	14.129	-0.013
100	267	14.610	14.981	0.371
100	268	14.760	14.512	-0.248
100	269	14.425	14.834	0.409
100	270	13.806	12.926	-0.880
100	271	13.359	14.290	0.931
100	272	14.597	14.697	0.100
100	273	14.004	14.202	0.198
100	274	14.500	14.674	0.174
100	275	14.264	13.967	-0.297
100	277	13.609	14.291	0.682
100	278	13.570	14.388	0.818
100	279	14.364	14.574	0.210
100	280	14.201	14.437	0.236
100	281	14.599	14.611	0.012
100	282	14.213	14.089	-0.124
100	283	14.634	14.399	-0.235
100	284	14.426	14.463	0.037
100	285	13.471	14.760	1.289
100	286	14.067	14.167	0.100
105	287	14.426	14.785	0.359
105	289	13.633	14.067	0.434
105	290	13.361	14.538	1.177
105	291	14.339	14.165	-0.174
105	292	14.154	13.919	-0.235
105	293	14.475	14.413	-0.062
	Max	15.217	15.216	1.437
	Average	14.034	14.149	0.115
	Min	12.780	12.827	-0.880
	Std Dev	0.482	0.492	0.431



	7.2 __OVP_UVLO_HYSTERESIS	
Test Site		
Tester		
Test Number		
Max Limit	40	mV
Min Limit	5	mV

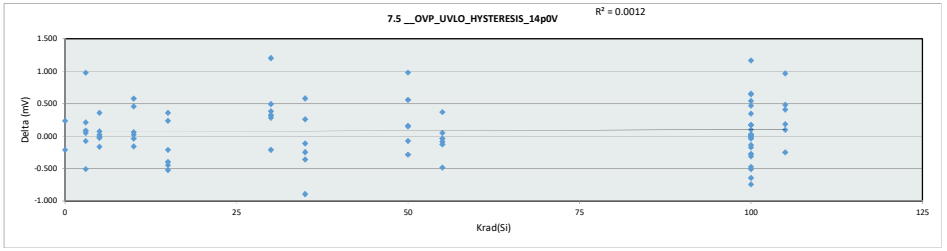
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	13.980	13.026	13.793	13.150	13.597	12.827	13.334	13.399	13.721	12.926	13.919
Average	14.184	13.721	14.219	13.892	14.155	14.119	14.273	14.113	13.981	14.285	14.315
Max	14.388	14.362	14.634	14.659	14.773	15.216	14.699	14.933	14.180	14.981	14.785
UL	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000



LDR TID Report
TPS7H2211-SP

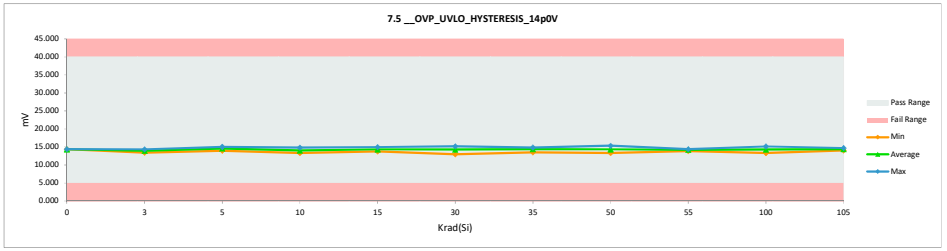
	7.5 __OVP_UVLO_HYSTERESIS_14p0V	
Test Site		
Tester		
Test Number		
Unit	mV	mV
Max Limit	40	40
Min Limit	5	5

Krad(Si)	Serial #	PRE	POST	Delta
0	201	14.574	14.363	-0.211
0	202	14.141	14.376	0.235
3	208	13.373	13.422	0.049
3	209	14.141	14.352	0.211
3	210	14.387	14.312	-0.075
3	211	13.990	13.484	-0.506
3	212	13.224	14.201	0.977
3	213	14.029	14.115	0.086
5	214	14.004	13.978	-0.026
5	215	14.204	14.279	0.075
5	216	15.032	15.032	0.000
5	217	14.600	14.959	0.359
5	218	14.822	14.846	0.024
5	219	14.413	14.251	-0.162
10	220	13.373	13.336	-0.037
10	221	14.141	14.165	0.024
10	222	14.387	14.845	0.458
10	223	13.990	13.831	-0.159
10	224	13.224	13.803	0.579
10	225	14.029	14.091	0.062
15	226	14.004	14.239	0.235
15	227	14.204	13.808	-0.396
15	228	15.032	14.821	-0.211
15	229	14.600	14.959	0.359
15	230	14.822	14.300	-0.522
15	231	14.413	13.966	-0.447
30	232	13.373	13.757	0.384
30	233	14.141	14.636	0.495
30	234	14.387	14.672	0.285
30	235	13.224	13.013	-0.211
30	236	13.990	15.191	1.201
30	237	14.029	14.351	0.322
35	238	14.004	14.586	0.582
35	239	14.204	13.845	-0.359
35	240	15.032	14.784	-0.248
35	241	14.600	14.860	0.260
35	242	14.822	14.710	-0.112
35	243	14.413	13.520	-0.893
50	244	15.428	15.354	-0.074
50	245	13.201	14.180	0.979
50	246	14.030	13.746	-0.284
50	247	13.163	13.324	0.161
50	248	14.092	14.241	0.149
50	249	14.673	15.232	0.559
55	251	14.402	14.365	-0.037
55	253	14.401	14.315	-0.086
55	254	14.093	14.142	0.049
55	255	14.366	13.882	-0.484
55	258	13.894	14.265	0.371
55	259	14.526	14.401	-0.125
100	261	15.366	14.623	-0.743
100	262	13.238	13.782	0.544
100	264	13.398	13.423	0.025
100	265	13.671	14.316	0.645
100	266	14.142	14.129	-0.013
100	267	14.821	15.167	0.346
100	268	14.735	14.462	-0.273
100	269	14.611	14.785	0.174
100	270	13.992	13.348	-0.644
100	271	13.546	14.711	1.165
100	272	14.784	14.647	-0.137
100	273	14.215	14.389	0.174
100	274	14.686	14.648	-0.038
100	275	14.475	13.967	-0.508
100	277	13.399	13.870	0.471
100	278	13.967	14.623	0.656
100	279	14.550	14.574	0.024
100	280	14.387	14.412	0.025
100	281	14.550	14.562	0.012
100	282	14.399	14.089	-0.310
100	283	14.845	14.374	-0.471
100	284	14.612	14.438	-0.174
100	285	13.422	13.446	0.024
100	286	14.253	14.353	0.100
105	287	14.612	14.710	0.098
105	289	14.030	14.439	0.409
105	290	13.572	14.538	0.966
105	291	14.054	14.537	0.483
105	292	13.869	14.055	0.186
105	293	14.475	14.226	-0.249
Max		15.428	15.354	1.201
Average		14.204	14.289	0.085
Min		13.163	13.013	-0.893
Std Dev		0.524	0.490	0.416



	7.5 __OVP_UVLO_HYSTERESIS	
Test Site		
Tester		
Test Number		
Max Limit	40	mV
Min Limit	5	mV

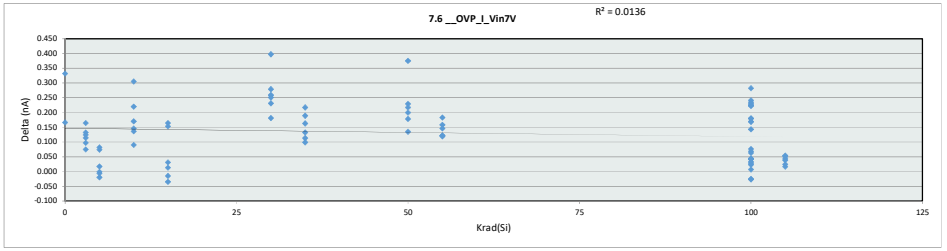
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Min	14.363	13.422	13.978	13.336	13.808	13.013	13.520	13.324	13.882	13.348	14.055
Average	14.370	13.981	14.558	14.012	14.349	14.270	14.384	14.346	14.228	14.297	14.418
Max	14.376	14.352	15.032	14.845	14.959	15.191	14.860	15.354	14.401	15.167	14.710
UL	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000



LDR TID Report
TPS7H2211-SP

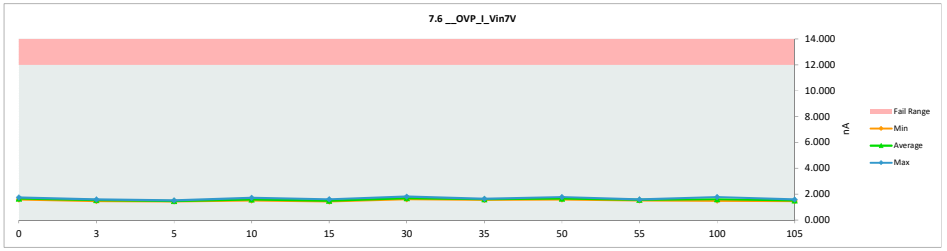
7.6 __OVP_I_Vin7V		
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	12	12
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	1.406	1.738	0.332
0	202	1.427	1.593	0.166
3	208	1.407	1.521	0.114
3	209	1.411	1.543	0.132
3	210	1.440	1.564	0.124
3	211	1.424	1.521	0.097
3	212	1.395	1.470	0.075
3	213	1.423	1.587	0.164
5	214	1.447	1.521	0.074
5	215	1.388	1.470	0.082
5	216	1.485	1.479	-0.006
5	217	1.463	1.462	-0.001
5	218	1.433	1.450	0.017
5	219	1.455	1.435	-0.020
10	220	1.407	1.712	0.305
10	221	1.411	1.631	0.220
10	222	1.440	1.610	0.170
10	223	1.424	1.570	0.146
10	224	1.395	1.531	0.136
10	225	1.423	1.513	0.090
15	226	1.447	1.600	0.153
15	227	1.388	1.552	0.164
15	228	1.485	1.470	-0.015
15	229	1.463	1.428	-0.035
15	230	1.433	1.446	0.013
15	231	1.455	1.486	0.031
30	232	1.407	1.804	0.397
30	233	1.411	1.690	0.279
30	234	1.440	1.691	0.251
30	235	1.395	1.626	0.231
30	236	1.424	1.683	0.259
30	237	1.423	1.604	0.181
35	238	1.447	1.636	0.189
35	239	1.388	1.605	0.217
35	240	1.485	1.617	0.132
35	241	1.463	1.576	0.113
35	242	1.433	1.596	0.163
35	243	1.455	1.554	0.099
50	244	1.402	1.777	0.375
50	245	1.442	1.642	0.200
50	246	1.422	1.639	0.217
50	247	1.450	1.628	0.178
50	248	1.400	1.629	0.229
50	249	1.457	1.592	0.135
55	251	1.443	1.565	0.122
55	253	1.438	1.560	0.122
55	254	1.403	1.522	0.119
55	255	1.404	1.587	0.183
55	258	1.445	1.591	0.146
55	259	1.417	1.575	0.158
100	261	1.449	1.731	0.282
100	262	1.432	1.673	0.241
100	264	1.431	1.661	0.230
100	265	1.408	1.588	0.180
100	266	1.404	1.639	0.235
100	267	1.433	1.655	0.222
100	268	1.396	1.621	0.225
100	269	1.426	1.651	0.225
100	270	1.393	1.561	0.168
100	271	1.628	1.771	0.143
100	272	1.407	1.576	0.169
100	273	1.375	1.555	0.180
100	274	1.589	1.562	-0.027
100	275	1.539	1.514	-0.025
100	277	1.526	1.558	0.032
100	278	1.565	1.572	0.007
100	279	1.506	1.532	0.026
100	280	1.525	1.567	0.042
100	281	1.491	1.535	0.044
100	282	1.485	1.526	0.041
100	283	1.674	1.737	0.063
100	284	1.452	1.520	0.068
100	285	1.435	1.511	0.076
100	286	1.473	1.496	0.023
105	287	1.530	1.584	0.054
105	289	1.465	1.515	0.050
105	290	1.484	1.508	0.024
105	291	1.472	1.515	0.043
105	292	1.460	1.498	0.038
105	293	1.456	1.472	0.016
Max		1.674	1.804	0.397
Average		1.447	1.579	0.131
Min		1.375	1.428	-0.035
Std Dev		0.053	0.083	0.098



7.6 __OVP_I_Vin7V		
Test Site		
Tester		
Test Number		
Max Limit	12	nA
Min Limit		nA

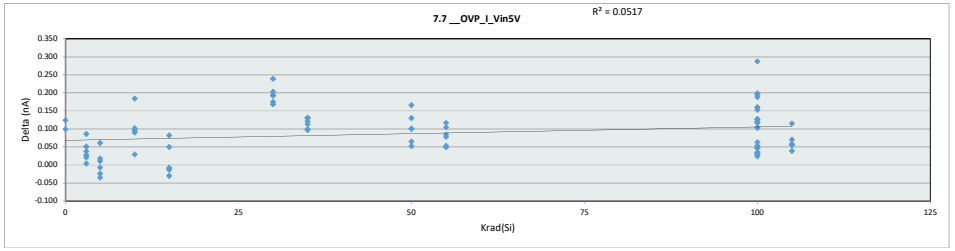
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	1.593	1.470	1.435	1.513	1.428	1.604	1.554	1.592	1.522	1.496	1.472
Average	1.666	1.534	1.470	1.595	1.497	1.683	1.597	1.651	1.567	1.596	1.515
Max	1.738	1.587	1.521	1.712	1.600	1.804	1.636	1.777	1.591	1.771	1.584
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



LDR TID Report
TPS7H2211-SP

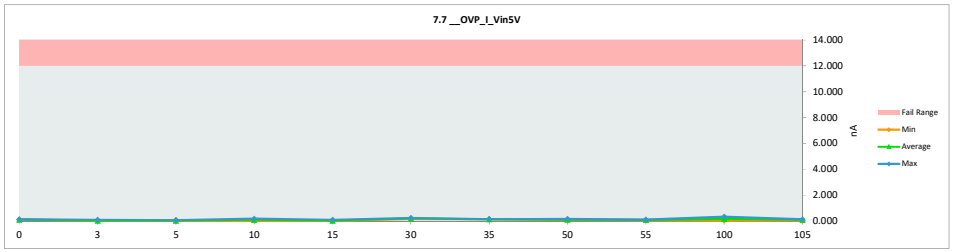
	7.7 __OVP_I_Vin5V	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	12	12
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	0.009	0.133	0.124
0	202	0.014	0.113	0.099
3	208	0.005	0.043	0.038
3	209	0.011	0.038	0.027
3	210	0.016	0.102	0.086
3	211	0.014	0.035	0.021
3	212	0.009	0.013	0.004
3	213	0.003	0.054	0.051
5	214	0.020	0.081	0.061
5	215	0.007	0.025	0.018
5	216	0.045	0.021	-0.024
5	217	0.030	0.023	-0.007
5	218	0.054	0.019	-0.035
5	219	0.042	0.053	0.011
10	220	0.005	0.189	0.184
10	221	0.011	0.103	0.092
10	222	0.016	0.118	0.102
10	223	0.014	0.111	0.097
10	224	0.009	0.099	0.090
10	225	0.003	0.032	0.029
15	226	0.020	0.102	0.082
15	227	0.007	0.057	0.050
15	228	0.045	0.032	-0.013
15	229	0.030	0.022	-0.008
15	230	0.054	0.024	-0.030
15	231	0.042	0.031	-0.011
30	232	0.005	0.244	0.239
30	233	0.011	0.203	0.192
30	234	0.016	0.219	0.203
30	235	0.009	0.203	0.194
30	236	0.014	0.189	0.175
30	237	0.003	0.171	0.168
35	238	0.020	0.141	0.121
35	239	0.007	0.138	0.131
35	240	0.045	0.158	0.113
35	241	0.030	0.160	0.130
35	242	0.054	0.153	0.099
35	243	0.042	0.139	0.097
50	244	0.013	0.179	0.166
50	245	0.046	0.147	0.101
50	246	0.033	0.098	0.065
50	247	0.002	0.102	0.100
50	248	0.012	0.142	0.130
50	249	0.046	0.098	0.052
55	251	0.031	0.109	0.078
55	253	0.018	0.067	0.049
55	254	0.012	0.065	0.053
55	255	0.006	0.111	0.105
55	258	0.021	0.105	0.084
55	259	0.004	0.121	0.117
100	261	0.037	0.232	0.195
100	262	0.049	0.166	0.117
100	264	0.015	0.203	0.188
100	265	0.018	0.138	0.120
100	266	0.014	0.173	0.159
100	267	0.045	0.244	0.199
100	268	0.009	0.112	0.103
100	269	0.008	0.295	0.287
100	270	0.006	0.110	0.104
100	271	0.182	0.335	0.153
100	272	0.002	0.163	0.161
100	273	0.039	0.167	0.128
100	274	0.074	0.109	0.035
100	275	0.082	0.112	0.030
100	277	0.080	0.104	0.024
100	278	0.122	0.170	0.048
100	279	0.042	0.095	0.053
100	280	0.056	0.103	0.047
100	281	0.048	0.111	0.063
100	282	0.031	0.157	0.126
100	283	0.254	0.301	0.047
100	284	0.035	0.064	0.029
100	285	0.022	0.055	0.033
100	286	0.043	0.162	0.119
105	287	0.034	0.149	0.115
105	289	0.049	0.107	0.058
105	290	0.023	0.079	0.056
105	291	0.049	0.119	0.070
105	292	0.031	0.087	0.056
105	293	0.047	0.086	0.039
Max		0.254	0.335	0.287
Average		0.032	0.121	0.088
Min		0.002	0.013	-0.035
Std Dev		0.038	0.068	0.066



	7.7 __OVP_I_Vin5V	
Test Site		
Tester		
Test Number		
Max Limit	12	nA
Min Limit		nA

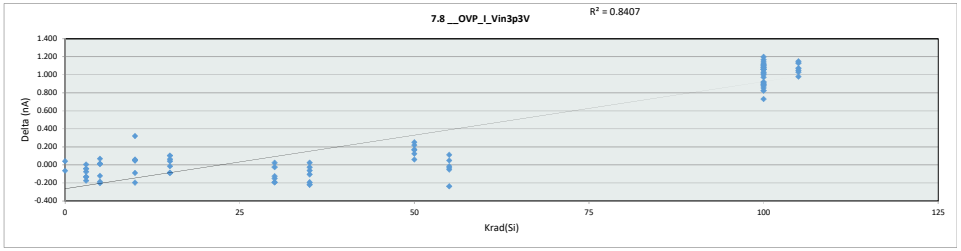
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	0.113	0.013	0.019	0.032	0.022	0.171	0.138	0.098	0.065	0.055	0.079
Average	0.123	0.048	0.037	0.109	0.045	0.205	0.148	0.128	0.096	0.162	0.105
Max	0.133	0.102	0.081	0.189	0.102	0.244	0.160	0.179	0.121	0.335	0.149
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



LDR TID Report
TPS7H2211-SP

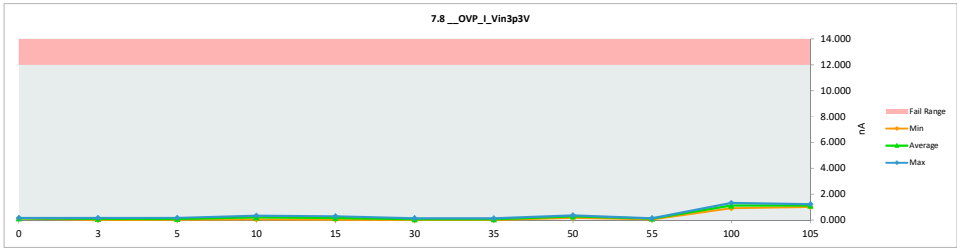
7.8 __OVP_I_Vin3p3V		
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	12	12
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	0.179	0.115	-0.064
0	202	0.110	0.150	0.040
3	208	0.220	0.144	-0.076
3	209	0.206	0.074	-0.132
3	210	0.007	0.012	0.005
3	211	0.161	0.029	-0.132
3	212	0.152	0.110	-0.042
3	213	0.243	0.068	-0.175
5	214	0.075	0.083	0.008
5	215	0.139	0.018	-0.121
5	216	0.114	0.128	0.014
5	217	0.230	0.028	-0.202
5	218	0.220	0.034	-0.186
5	219	0.096	0.165	0.069
10	220	0.220	0.280	0.060
10	221	0.206	0.117	-0.089
10	222	0.007	0.327	0.320
10	223	0.161	0.209	0.048
10	224	0.152	0.204	0.052
10	225	0.243	0.047	-0.196
15	226	0.075	0.178	0.103
15	227	0.139	0.124	-0.015
15	228	0.114	0.028	-0.086
15	229	0.230	0.139	-0.091
15	230	0.220	0.283	0.063
15	231	0.096	0.137	0.041
30	232	0.220	0.026	-0.194
30	233	0.206	0.081	-0.125
30	234	0.007	0.030	0.023
30	235	0.152	0.002	-0.150
30	236	0.161	0.136	-0.025
30	237	0.243	0.051	-0.192
35	238	0.075	0.048	-0.027
35	239	0.139	0.034	-0.105
35	240	0.114	0.052	-0.062
35	241	0.230	0.010	-0.220
35	242	0.220	0.026	-0.194
35	243	0.096	0.120	0.024
50	244	0.147	0.311	0.164
50	245	0.108	0.167	0.059
50	246	0.169	0.292	0.123
50	247	0.025	0.277	0.252
50	248	0.029	0.201	0.172
50	249	0.141	0.360	0.219
55	251	0.071	0.056	-0.015
55	253	0.152	0.120	-0.032
55	254	0.018	0.067	0.049
55	255	0.368	0.130	-0.238
55	258	0.140	0.088	-0.052
55	259	0.008	0.120	0.112
100	261	0.180	1.152	0.972
100	262	0.044	0.951	0.907
100	264	0.267	1.153	0.886
100	265	0.286	1.162	0.876
100	266	0.051	1.112	1.061
100	267	0.121	1.121	1.000
100	268	0.134	1.027	0.893
100	269	0.054	0.907	0.853
100	270	0.139	1.282	1.143
100	271	0.221	0.951	0.730
100	272	0.166	1.195	1.029
100	273	0.197	1.020	0.823
100	274	0.018	1.184	1.166
100	275	0.088	1.146	1.058
100	277	0.007	1.069	1.062
100	278	0.023	1.144	1.121
100	279	0.207	1.318	1.111
100	280	0.040	1.144	1.104
100	281	0.130	1.225	1.095
100	282	0.121	1.041	0.920
100	283	0.045	1.123	1.078
100	284	0.069	1.149	1.080
100	285	0.010	1.028	1.018
100	286	0.018	1.215	1.197
105	287	0.098	1.127	1.029
105	289	0.048	1.177	1.129
105	290	0.027	1.006	0.979
105	291	0.004	1.052	1.048
105	292	0.078	1.151	1.073
105	293	0.070	1.220	1.150
Max		0.368	1.318	1.197
Average		0.128	0.495	0.367
Min		0.004	0.002	-0.238
Std Dev		0.081	0.495	0.523



7.8 __OVP_I_Vin3p3V		
Test Site		
Tester		
Test Number		
Max Limit	12	nA
Min Limit		nA

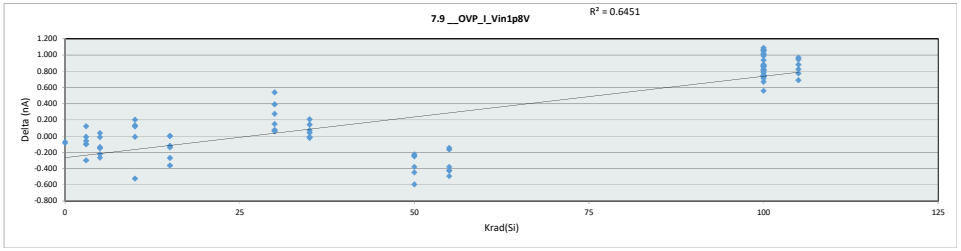
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	0.115	0.012	0.018	0.047	0.028	0.002	0.010	0.167	0.056	0.907	1.006
Average	0.133	0.073	0.076	0.197	0.148	0.054	0.048	0.268	0.097	1.117	1.122
Max	0.150	0.144	0.165	0.327	0.283	0.136	0.120	0.360	0.130	1.318	1.220
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



LDR TID Report
TPS7H2211-SP

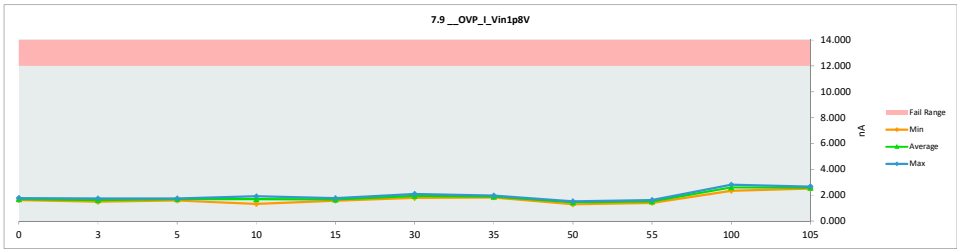
	7.9 __OVP_I_Vin1p8V	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	12	12
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	1.871	1.788	-0.083
0	202	1.691	1.620	-0.071
3	208	1.560	1.682	0.122
3	209	1.856	1.757	-0.099
3	210	1.614	1.516	-0.098
3	211	1.620	1.562	-0.058
3	212	1.785	1.488	-0.297
3	213	1.737	1.728	-0.009
5	214	1.719	1.758	0.039
5	215	1.752	1.741	-0.011
5	216	1.854	1.591	-0.263
5	217	1.976	1.755	-0.221
5	218	1.760	1.625	-0.135
5	219	1.895	1.748	-0.147
10	220	1.560	1.692	0.132
10	221	1.856	1.334	-0.522
10	222	1.614	1.734	0.120
10	223	1.620	1.823	0.203
10	224	1.785	1.916	0.131
10	225	1.737	1.728	-0.009
15	226	1.719	1.581	-0.138
15	227	1.752	1.754	0.002
15	228	1.854	1.586	-0.268
15	229	1.976	1.615	-0.361
15	230	1.760	1.763	0.003
15	231	1.895	1.777	-0.118
30	232	1.560	2.100	0.540
30	233	1.856	1.933	0.077
30	234	1.614	1.891	0.277
30	235	1.785	1.935	0.150
30	236	1.620	2.013	0.393
30	237	1.737	1.799	0.062
35	238	1.719	1.928	0.209
35	239	1.752	1.895	0.143
35	240	1.854	1.897	0.043
35	241	1.976	1.966	-0.010
35	242	1.760	1.832	0.072
35	243	1.895	1.876	-0.019
50	244	1.943	1.496	-0.447
50	245	1.895	1.518	-0.377
50	246	1.887	1.293	-0.594
50	247	1.757	1.533	-0.224
50	248	1.750	1.501	-0.249
50	249	1.648	1.410	-0.238
55	251	1.833	1.410	-0.423
55	253	1.966	1.589	-0.377
55	254	1.768	1.625	-0.143
55	255	2.032	1.541	-0.491
55	258	1.726	1.562	-0.164
55	259	1.843	1.419	-0.424
100	261	1.912	2.666	0.754
100	262	1.773	2.508	0.735
100	264	1.762	2.575	0.813
100	265	1.784	2.343	0.559
100	266	1.885	2.632	0.747
100	267	1.739	2.676	0.937
100	268	1.825	2.571	0.746
100	269	1.765	2.632	0.867
100	270	1.777	2.641	0.864
100	271	1.834	2.548	0.714
100	272	1.754	2.568	0.814
100	273	1.769	2.553	0.784
100	274	1.631	2.650	1.019
100	275	1.886	2.713	0.827
100	277	1.835	2.506	0.671
100	278	1.667	2.736	1.069
100	279	1.703	2.588	0.885
100	280	1.815	2.822	1.007
100	281	1.699	2.559	0.860
100	282	1.595	2.644	1.049
100	283	1.716	2.579	0.863
100	284	1.639	2.628	0.989
100	285	1.519	2.578	1.059
100	286	1.518	2.607	1.089
105	287	1.693	2.519	0.826
105	289	1.711	2.679	0.968
105	290	1.699	2.581	0.882
105	291	1.902	2.592	0.690
105	292	1.676	2.622	0.946
105	293	1.843	2.618	0.775
	Max	2.032	2.822	1.089
	Average	1.766	2.034	0.268
	Min	1.518	1.293	-0.594
	Std Dev	0.115	0.470	0.505



	7.9 __OVP_I_Vin1p8V	
Test Site		
Tester		
Test Number		
Max Limit	12	nA
Min Limit		nA

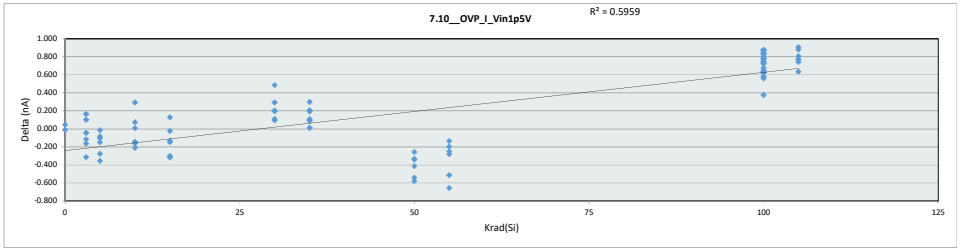
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	1.620	1.488	1.591	1.334	1.581	1.799	1.832	1.293	1.410	2.343	2.519
Average	1.704	1.622	1.703	1.705	1.679	1.945	1.899	1.459	1.524	2.605	2.602
Max	1.788	1.757	1.758	1.916	1.777	2.100	1.966	1.533	1.625	2.822	2.679
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



LDR TID Report
TPS7H2211-SP

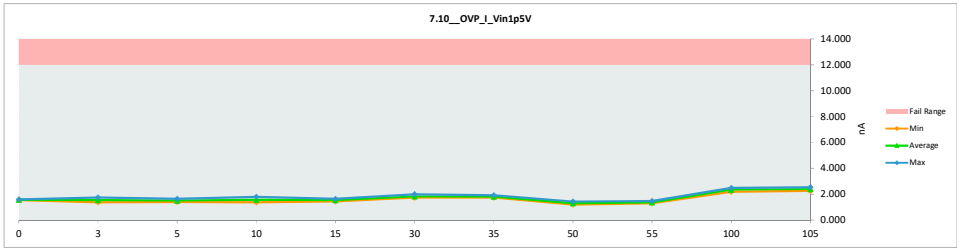
	7.10__OVP_I_Vin1p5V	
Test Site		
Tester		
Test Number		
Unit	nA	nA
Max Limit	12	12
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	1.496	1.544	0.048
0	202	1.605	1.594	-0.011
3	208	1.499	1.455	-0.044
3	209	1.581	1.747	0.166
3	210	1.625	1.509	-0.116
3	211	1.527	1.628	0.101
3	212	1.527	1.364	-0.163
3	213	1.798	1.485	-0.313
5	214	1.644	1.562	-0.082
5	215	1.657	1.643	-0.014
5	216	1.622	1.474	-0.148
5	217	1.830	1.475	-0.355
5	218	1.743	1.468	-0.275
5	219	1.505	1.403	-0.102
10	220	1.499	1.793	0.294
10	221	1.581	1.372	-0.209
10	222	1.625	1.482	-0.143
10	223	1.527	1.601	0.074
10	224	1.527	1.535	0.008
10	225	1.798	1.636	-0.162
15	226	1.644	1.621	-0.023
15	227	1.657	1.522	-0.135
15	228	1.622	1.476	-0.146
15	229	1.830	1.512	-0.318
15	230	1.743	1.441	-0.302
15	231	1.505	1.633	0.128
30	232	1.499	1.984	0.485
30	233	1.581	1.779	0.198
30	234	1.625	1.736	0.111
30	235	1.527	1.820	0.293
30	236	1.527	1.730	0.203
30	237	1.798	1.893	0.095
35	238	1.644	1.839	0.195
35	239	1.657	1.862	0.205
35	240	1.622	1.729	0.107
35	241	1.830	1.921	0.091
35	242	1.743	1.754	0.011
35	243	1.505	1.804	0.299
50	244	1.663	1.323	-0.340
50	245	1.612	1.278	-0.334
50	246	1.819	1.241	-0.578
50	247	1.842	1.429	-0.413
50	248	1.738	1.197	-0.541
50	249	1.553	1.298	-0.255
55	251	1.544	1.295	-0.249
55	253	1.610	1.474	-0.136
55	254	1.992	1.337	-0.655
55	255	1.660	1.463	-0.197
55	258	1.799	1.286	-0.513
55	259	1.619	1.337	-0.282
100	261	1.798	2.426	0.628
100	262	1.855	2.231	0.376
100	264	1.608	2.330	0.722
100	265	1.670	2.296	0.626
100	266	1.594	2.338	0.744
100	267	1.623	2.185	0.562
100	268	1.625	2.263	0.638
100	269	1.489	2.271	0.782
100	270	1.645	2.486	0.841
100	271	1.607	2.189	0.582
100	272	1.624	2.271	0.647
100	273	1.678	2.447	0.769
100	274	1.436	2.311	0.875
100	275	1.751	2.373	0.622
100	277	1.534	2.369	0.835
100	278	1.540	2.326	0.786
100	279	1.661	2.388	0.727
100	280	1.512	2.353	0.841
100	281	1.735	2.479	0.744
100	282	1.655	2.331	0.676
100	283	1.551	2.386	0.835
100	284	1.559	2.366	0.807
100	285	1.446	2.322	0.876
100	286	1.507	2.379	0.872
105	287	1.621	2.528	0.907
105	289	1.551	2.324	0.773
105	290	1.562	2.368	0.806
105	291	1.657	2.537	0.880
105	292	1.625	2.261	0.636
105	293	1.586	2.328	0.742
Max		1.992	2.537	0.907
Average		1.632	1.853	0.221
Min		1.436	1.197	-0.655
Std Dev		0.111	0.420	0.454



	7.10__OVP_I_Vin1p5V	
Test Site		
Tester		
Test Number		
Max Limit	12	nA
Min Limit		nA

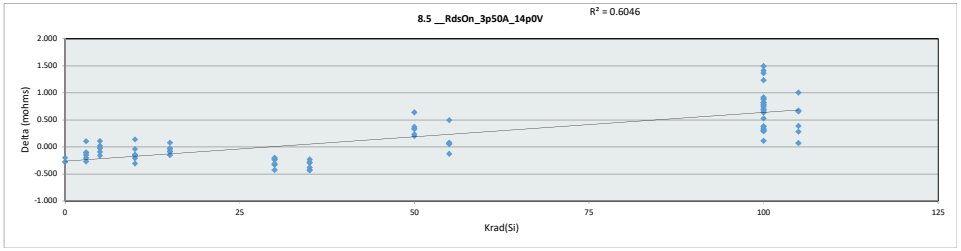
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	1.544	1.364	1.403	1.372	1.441	1.730	1.729	1.197	1.286	2.185	2.261
Average	1.569	1.531	1.504	1.570	1.534	1.824	1.818	1.294	1.365	2.338	2.391
Max	1.594	1.747	1.643	1.793	1.633	1.984	1.921	1.429	1.474	2.486	2.537
UL	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000



LDR TID Report
TPS7H2211-SP

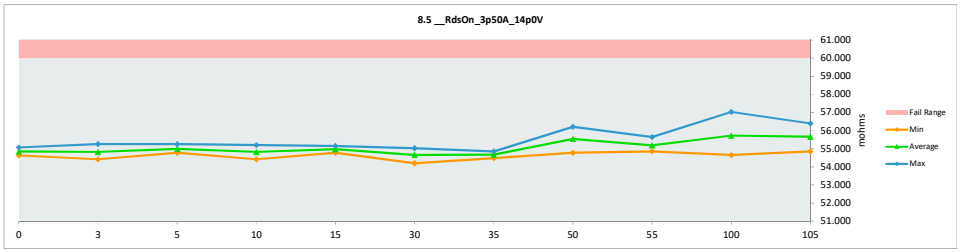
	8.5 __RdsOn_3p50A_14p0V	
Test Site		
Tester		
Test Number		
Unit	mohms	mohms
Max Limit	60	60
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	54.904	54.628	-0.276
0	202	55.270	55.072	-0.198
3	208	55.356	55.255	-0.101
3	209	54.934	54.827	-0.107
3	210	54.623	54.420	-0.203
3	211	55.144	54.878	-0.266
3	212	54.946	55.052	0.106
3	213	54.662	54.511	-0.151
5	214	55.137	54.977	-0.160
5	215	54.899	54.809	-0.090
5	216	55.129	55.111	-0.018
5	217	55.228	55.250	0.022
5	218	54.799	54.772	-0.027
5	219	54.916	55.024	0.108
10	220	55.356	55.199	-0.157
10	221	54.934	54.794	-0.140
10	222	54.623	54.414	-0.209
10	223	55.144	54.838	-0.306
10	224	54.946	55.083	0.137
10	225	54.662	54.623	-0.039
15	226	55.137	54.987	-0.150
15	227	54.899	54.813	-0.086
15	228	55.129	55.100	-0.029
15	229	55.228	55.150	-0.078
15	230	54.799	54.772	-0.027
15	231	54.916	54.996	0.080
30	232	55.356	55.026	-0.330
30	233	54.934	54.699	-0.235
30	234	54.623	54.198	-0.425
30	235	54.946	54.639	-0.307
30	236	55.144	54.944	-0.200
30	237	54.662	54.447	-0.215
35	238	55.137	54.705	-0.432
35	239	54.899	54.477	-0.422
35	240	55.129	54.847	-0.282
35	241	55.228	54.849	-0.379
35	242	54.799	54.506	-0.293
35	243	54.916	54.686	-0.230
50	244	55.182	55.555	0.373
50	245	55.570	56.211	0.641
50	246	55.023	55.356	0.333
50	247	55.276	55.512	0.236
50	248	54.571	54.771	0.200
50	249	55.491	55.831	0.340
55	251	54.982	55.062	0.080
55	253	54.997	55.070	0.073
55	254	55.099	55.596	0.497
55	255	55.585	55.645	0.060
55	258	54.830	54.884	0.054
55	259	54.983	54.857	-0.126
100	261	54.493	55.728	1.235
100	262	55.561	56.335	0.774
100	264	55.017	55.543	0.526
100	265	54.874	55.539	0.665
100	266	54.639	54.752	0.113
100	267	55.312	56.134	0.822
100	268	54.906	55.290	0.384
100	269	55.525	55.824	0.299
100	270	55.538	57.031	1.493
100	271	54.730	55.364	0.634
100	272	55.399	56.814	1.415
100	273	55.169	55.913	0.744
100	274	54.528	55.230	0.702
100	275	54.448	54.824	0.376
100	277	54.315	54.648	0.333
100	278	54.551	55.341	0.790
100	279	55.037	55.957	0.920
100	280	54.802	55.683	0.881
100	281	55.045	55.865	0.820
100	282	55.162	56.528	1.366
100	283	55.949	56.262	0.313
100	284	55.152	55.840	0.688
100	285	54.487	55.379	0.892
100	286	55.232	55.522	0.290
105	287	55.327	55.611	0.284
105	289	56.007	56.395	0.388
105	290	55.059	56.066	1.007
105	291	54.777	54.850	0.073
105	292	54.704	55.379	0.675
105	293	54.991	55.649	0.658
Max		56.007	57.031	1.493
Average		55.023	55.238	0.215
Min		54.315	54.198	-0.432
Std Dev		0.326	0.593	0.469



	8.5 __RdsOn_3p50A_14p0V	
Test Site		
Tester		
Test Number		
Max Limit	60	mohms
Min Limit		mohms

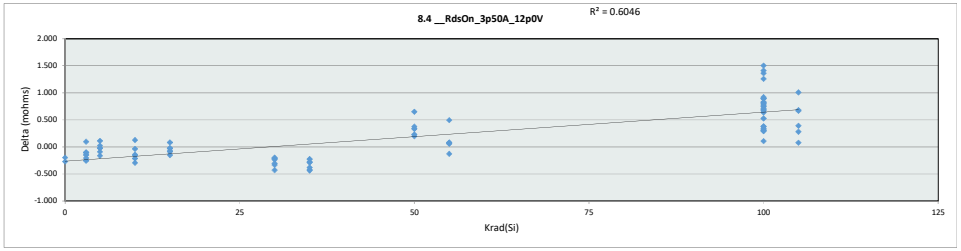
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	54.628	54.420	54.772	54.414	54.772	54.198	54.477	54.771	54.857	54.648	54.850
Average	54.850	54.824	54.991	54.825	54.970	54.659	54.678	55.539	55.186	55.723	55.658
Max	55.072	55.255	55.250	55.199	55.150	55.026	54.849	56.211	55.645	57.031	56.395
UL	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000



LDR TID Report
TPS7H2211-SP

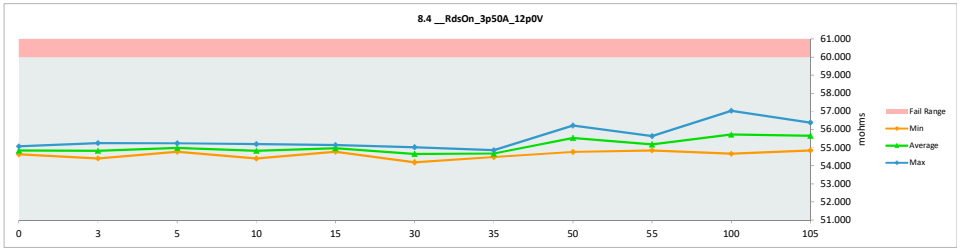
8.4 __RdsOn_3p50A_12p0V			
Test Site			
Tester			
Test Number			
Unit	mohms	mohms	
Max Limit	60	60	
Min Limit			

Krad(Si)	Serial #	PRE	POST	Delta
0	201	54.892	54.620	-0.272
0	202	55.257	55.060	-0.197
3	208	55.350	55.251	-0.099
3	209	54.923	54.815	-0.108
3	210	54.613	54.406	-0.207
3	211	55.135	54.880	-0.255
3	212	54.948	55.045	0.097
3	213	54.654	54.505	-0.149
5	214	55.134	54.970	-0.164
5	215	54.897	54.806	-0.091
5	216	55.135	55.116	-0.019
5	217	55.217	55.240	0.023
5	218	54.794	54.768	-0.026
5	219	54.904	55.014	0.110
10	220	55.350	55.192	-0.158
10	221	54.923	54.782	-0.141
10	222	54.613	54.398	-0.215
10	223	55.135	54.840	-0.295
10	224	54.948	55.074	0.126
10	225	54.654	54.618	-0.036
15	226	55.134	54.984	-0.150
15	227	54.897	54.808	-0.089
15	228	55.135	55.107	-0.028
15	229	55.217	55.140	-0.077
15	230	54.794	54.768	-0.026
15	231	54.904	54.987	0.083
30	232	55.350	55.017	-0.333
30	233	54.923	54.687	-0.236
30	234	54.613	54.183	-0.430
30	235	54.948	54.641	-0.307
30	236	55.135	54.936	-0.199
30	237	54.654	54.441	-0.213
35	238	55.134	54.699	-0.435
35	239	54.897	54.474	-0.423
35	240	55.135	54.855	-0.280
35	241	55.217	54.835	-0.382
35	242	54.794	54.505	-0.289
35	243	54.904	54.677	-0.227
50	244	55.184	55.559	0.375
50	245	55.568	56.217	0.649
50	246	55.013	55.345	0.332
50	247	55.278	55.508	0.230
50	248	54.563	54.760	0.197
50	249	55.479	55.817	0.338
55	251	54.983	55.064	0.081
55	253	54.983	55.056	0.073
55	254	55.093	55.588	0.495
55	255	55.575	55.639	0.064
55	258	54.827	54.885	0.058
55	259	54.971	54.843	-0.128
100	261	54.495	55.754	1.259
100	262	55.558	56.331	0.773
100	264	55.013	55.539	0.526
100	265	54.874	55.543	0.669
100	266	54.631	54.736	0.105
100	267	55.306	56.131	0.825
100	268	54.899	55.281	0.382
100	269	55.525	55.819	0.294
100	270	55.530	57.032	1.502
100	271	54.728	55.363	0.635
100	272	55.396	56.808	1.412
100	273	55.175	55.918	0.743
100	274	54.530	55.234	0.704
100	275	54.440	54.813	0.373
100	277	54.316	54.657	0.341
100	278	54.550	55.347	0.797
100	279	55.035	55.954	0.919
100	280	54.797	55.690	0.893
100	281	55.040	55.868	0.828
100	282	55.149	56.511	1.362
100	283	55.943	56.256	0.313
100	284	55.152	55.841	0.689
100	285	54.483	55.377	0.894
100	286	55.225	55.522	0.297
105	287	55.321	55.602	0.281
105	289	55.993	56.383	0.390
105	290	55.062	56.070	1.008
105	291	54.770	54.847	0.077
105	292	54.695	55.376	0.681
105	293	54.991	55.657	0.666
	Max	55.993	57.032	1.502
	Average	55.017	55.234	0.216
	Min	54.316	54.183	-0.435
	Std Dev	0.325	0.595	0.470



8.4 __RdsOn_3p50A_12p0V		
Test Site		
Tester		
Test Number		
Max Limit	60	mohms
Min Limit		mohms

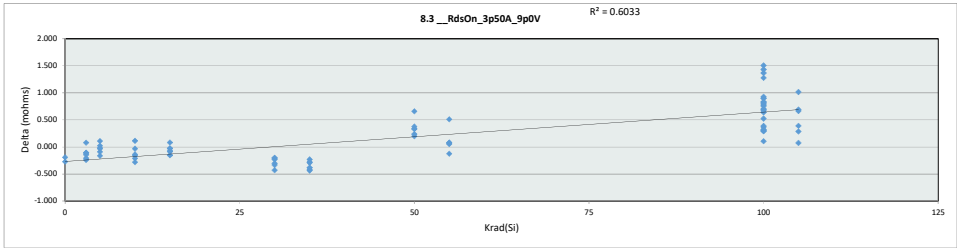
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	54.620	54.406	54.768	54.398	54.768	54.183	54.474	54.760	54.843	54.657	54.847
Average	54.840	54.817	54.986	54.817	54.966	54.651	54.674	55.534	55.179	55.722	55.656
Max	55.060	55.251	55.240	55.192	55.140	55.017	54.855	56.217	55.639	57.032	56.383
UL	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000	60.000



LDR TID Report
TPS7H2211-SP

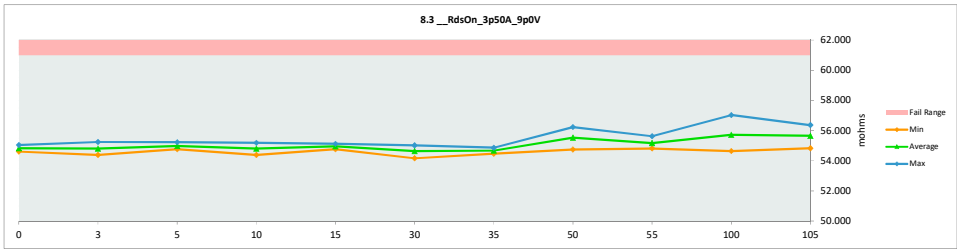
	8.3 __RdsOn_3p50A_9p0V	
Test Site		
Tester		
Test Number		
Unit	mohms	mohms
Max Limit	61	61
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	54.883	54.610	-0.273
0	202	55.240	55.047	-0.193
3	208	55.348	55.241	-0.107
3	209	54.909	54.799	-0.110
3	210	54.595	54.387	-0.208
3	211	55.125	54.884	-0.241
3	212	54.952	55.032	0.080
3	213	54.645	54.501	-0.144
5	214	55.130	54.966	-0.164
5	215	54.891	54.800	-0.091
5	216	55.147	55.129	-0.018
5	217	55.201	55.225	0.024
5	218	54.799	54.767	-0.032
5	219	54.893	55.002	0.109
10	220	55.348	55.187	-0.161
10	221	54.909	54.769	-0.140
10	222	54.595	54.383	-0.212
10	223	55.125	54.843	-0.282
10	224	54.952	55.065	0.113
10	225	54.645	54.612	-0.033
15	226	55.130	54.976	-0.154
15	227	54.891	54.805	-0.086
15	228	55.147	55.120	-0.027
15	229	55.201	55.126	-0.075
15	230	54.799	54.771	-0.028
15	231	54.893	54.975	0.082
30	232	55.348	55.015	-0.333
30	233	54.909	54.678	-0.231
30	234	54.595	54.164	-0.431
30	235	54.952	54.648	-0.304
30	236	55.125	54.926	-0.199
30	237	54.645	54.434	-0.211
35	238	55.130	54.695	-0.435
35	239	54.891	54.470	-0.421
35	240	55.147	54.867	-0.280
35	241	55.201	54.817	-0.384
35	242	54.799	54.506	-0.293
35	243	54.893	54.661	-0.232
50	244	55.189	55.565	0.376
50	245	55.578	56.237	0.659
50	246	54.998	55.330	0.332
50	247	55.272	55.508	0.236
50	248	54.550	54.748	0.198
50	249	55.461	55.797	0.336
55	251	54.985	55.067	0.082
55	253	54.964	55.041	0.077
55	254	55.092	55.602	0.510
55	255	55.563	55.629	0.066
55	258	54.828	54.880	0.052
55	259	54.945	54.821	-0.124
100	261	54.501	55.777	1.276
100	262	55.558	56.334	0.776
100	264	55.011	55.534	0.523
100	265	54.878	55.556	0.678
100	266	54.625	54.731	0.106
100	267	55.301	56.130	0.829
100	268	54.893	55.280	0.387
100	269	55.527	55.816	0.289
100	270	55.527	57.031	1.504
100	271	54.730	55.369	0.639
100	272	55.394	56.827	1.433
100	273	55.182	55.938	0.756
100	274	54.536	55.239	0.703
100	275	54.431	54.799	0.368
100	277	54.319	54.642	0.323
100	278	54.554	55.358	0.804
100	279	55.033	55.960	0.927
100	280	54.797	55.697	0.900
100	281	55.042	55.875	0.833
100	282	55.131	56.499	1.368
100	283	55.937	56.248	0.311
100	284	55.161	55.858	0.697
100	285	54.476	55.378	0.902
100	286	55.219	55.516	0.297
105	287	55.309	55.594	0.285
105	289	55.975	56.365	0.390
105	290	55.068	56.084	1.016
105	291	54.757	54.830	0.073
105	292	54.687	55.377	0.690
105	293	54.994	55.658	0.664
Max		55.975	57.031	1.504
Average		55.013	55.230	0.218
Min		54.319	54.164	-0.435
Std Dev		0.325	0.599	0.473



	8.3 __RdsOn_3p50A_9p0V	
Test Site		
Tester		
Test Number		
Max Limit	61	mohms
Min Limit		mohms

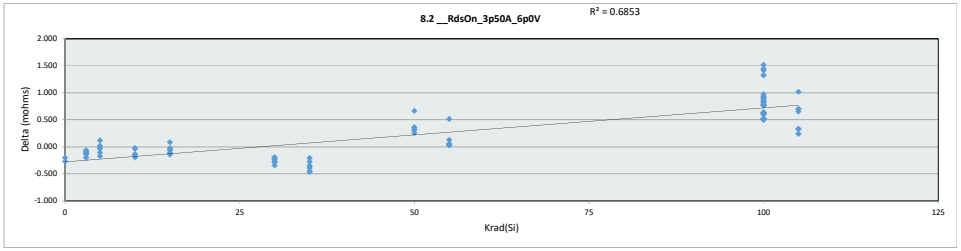
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	54.610	54.387	54.767	54.383	54.771	54.164	54.470	54.748	54.821	54.642	54.830
Average	54.829	54.807	54.982	54.810	54.962	54.644	54.669	55.531	55.173	55.725	55.651
Max	55.047	55.241	55.225	55.187	55.126	55.015	54.867	56.237	55.629	57.031	56.365
UL	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000



LDR TID Report
TPS7H2211-SP

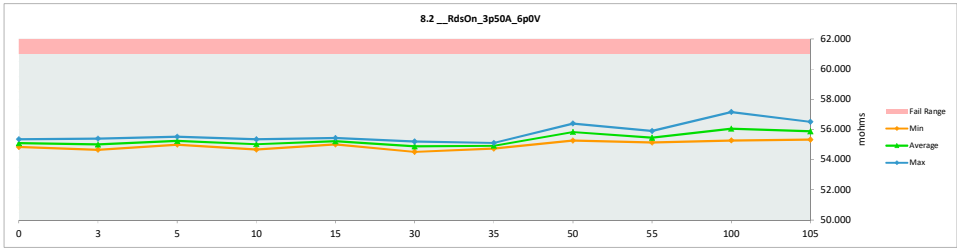
	8.2 __RdsOn_3p50A_6p0V	
Test Site		
Tester		
Test Number		
Unit	mohms	mohms
Max Limit	61	61
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	55.106	54.837	-0.269
0	202	55.547	55.349	-0.198
3	208	55.483	55.392	-0.091
3	209	55.057	54.942	-0.115
3	210	54.853	54.654	-0.199
3	211	55.280	55.180	-0.100
3	212	55.239	55.180	-0.059
3	213	54.880	54.741	-0.139
5	214	55.331	55.162	-0.169
5	215	55.174	55.072	-0.102
5	216	55.406	55.385	-0.021
5	217	55.492	55.515	0.023
5	218	55.025	54.995	-0.030
5	219	55.180	55.302	0.122
10	220	55.483	55.345	-0.138
10	221	55.057	54.911	-0.146
10	222	54.853	54.661	-0.192
10	223	55.280	55.145	-0.135
10	224	55.239	55.207	-0.032
10	225	54.880	54.857	-0.023
15	226	55.331	55.190	-0.141
15	227	55.174	55.063	-0.111
15	228	55.406	55.346	-0.060
15	229	55.492	55.429	-0.063
15	230	55.025	55.001	-0.024
15	231	55.180	55.269	0.089
30	232	55.483	55.196	-0.287
30	233	55.057	54.832	-0.225
30	234	54.853	54.512	-0.341
30	235	55.239	54.976	-0.263
30	236	55.280	55.089	-0.191
30	237	54.880	54.682	-0.198
35	238	55.331	54.868	-0.463
35	239	55.174	54.729	-0.445
35	240	55.406	55.060	-0.346
35	241	55.492	55.106	-0.386
35	242	55.025	54.751	-0.274
35	243	55.180	54.975	-0.205
50	244	55.425	55.787	0.362
50	245	55.728	56.396	0.668
50	246	55.326	55.634	0.308
50	247	55.598	55.919	0.321
50	248	55.004	55.260	0.256
50	249	55.620	55.977	0.357
55	251	55.201	55.332	0.131
55	253	55.184	55.215	0.031
55	254	55.211	55.728	0.517
55	255	55.848	55.899	0.051
55	258	55.071	55.134	0.063
55	259	55.367	55.407	0.040
100	261	54.613	55.937	1.324
100	262	55.684	56.504	0.820
100	264	55.399	56.000	0.601
100	265	55.208	55.849	0.641
100	266	55.136	55.657	0.521
100	267	55.425	56.314	0.889
100	268	55.200	55.721	0.521
100	269	55.907	56.408	0.501
100	270	55.643	57.159	1.516
100	271	55.038	55.673	0.635
100	272	55.546	56.993	1.447
100	273	55.334	56.122	0.788
100	274	54.767	55.536	0.769
100	275	54.784	55.406	0.622
100	277	54.649	55.276	0.627
100	278	54.766	55.610	0.844
100	279	55.194	56.167	0.973
100	280	55.005	55.866	0.861
100	281	55.203	56.132	0.929
100	282	55.200	56.614	1.414
100	283	56.145	56.668	0.523
100	284	55.379	56.148	0.769
100	285	54.658	55.564	0.906
100	286	55.487	56.009	0.522
105	287	55.489	55.824	0.335
105	289	56.174	56.504	0.330
105	290	55.202	56.222	1.020
105	291	55.083	55.327	0.244
105	292	54.809	55.512	0.703
105	293	55.177	55.833	0.656
	Max	56.174	57.159	1.516
	Average	55.247	55.502	0.255
	Min	54.613	54.512	-0.463
	Std Dev	0.310	0.579	0.486



	8.2 __RdsOn_3p50A_6p0V	
Test Site		
Tester		
Test Number		
Max Limit	61	mohms
Min Limit		mohms

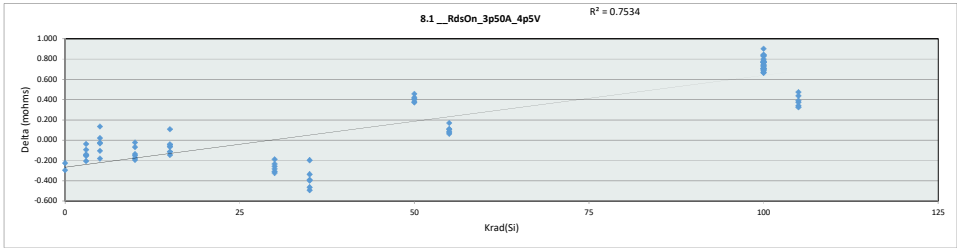
Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	54.837	54.654	54.995	54.661	55.001	54.512	54.729	55.260	55.134	55.276	55.327
Average	55.093	55.015	55.239	55.021	55.216	54.881	54.915	55.829	55.453	56.056	55.870
Max	55.349	55.392	55.515	55.345	55.429	55.196	55.106	56.396	55.899	57.159	56.504
UL	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000	61.000



LDR TID Report
TPS7H2211-SP

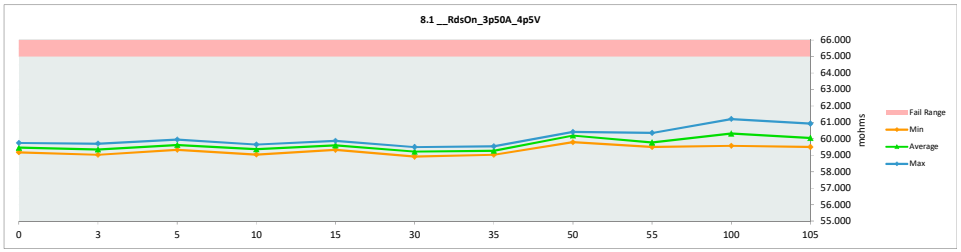
	8.1 __RdsOn_3p50A_4p5V	
Test Site		
Tester		
Test Number		
Unit	mohms	mohms
Max Limit	65	65
Min Limit		

Krad(Si)	Serial #	PRE	POST	Delta
0	201	59.479	59.184	-0.295
0	202	59.973	59.747	-0.226
3	208	59.807	59.713	-0.094
3	209	59.375	59.235	-0.140
3	210	59.240	59.035	-0.205
3	211	59.625	59.588	-0.037
3	212	59.659	59.508	-0.151
3	213	59.239	59.086	-0.153
5	214	59.730	59.550	-0.180
5	215	59.582	59.478	-0.104
5	216	59.761	59.737	-0.024
5	217	59.937	59.959	0.022
5	218	59.366	59.334	-0.032
5	219	59.585	59.721	0.136
10	220	59.807	59.655	-0.152
10	221	59.375	59.199	-0.176
10	222	59.240	59.046	-0.194
10	223	59.625	59.557	-0.068
10	224	59.659	59.523	-0.136
10	225	59.239	59.216	-0.023
15	226	59.730	59.585	-0.145
15	227	59.582	59.469	-0.113
15	228	59.761	59.696	-0.065
15	229	59.937	59.878	-0.059
15	230	59.366	59.326	-0.040
15	231	59.585	59.693	0.108
30	232	59.807	59.499	-0.308
30	233	59.375	59.092	-0.283
30	234	59.240	58.918	-0.322
30	235	59.659	59.402	-0.257
30	236	59.625	59.392	-0.233
30	237	59.239	59.051	-0.188
35	238	59.730	59.238	-0.492
35	239	59.582	59.118	-0.464
35	240	59.761	59.371	-0.390
35	241	59.937	59.539	-0.398
35	242	59.366	59.030	-0.336
35	243	59.585	59.388	-0.197
50	244	59.792	60.192	0.400
50	245	59.853	60.225	0.372
50	246	59.752	60.160	0.408
50	247	59.965	60.387	0.422
50	248	59.415	59.793	0.378
50	249	59.965	60.422	0.457
55	251	59.569	59.739	0.170
55	253	59.528	59.591	0.063
55	254	59.396	59.505	0.109
55	255	60.281	60.355	0.074
55	258	59.474	59.562	0.088
55	259	59.775	59.885	0.110
100	261	58.802	59.571	0.769
100	262	60.099	60.931	0.832
100	264	59.811	60.611	0.800
100	265	59.595	60.300	0.705
100	266	59.545	60.284	0.739
100	267	59.808	60.473	0.665
100	268	59.580	60.291	0.711
100	269	60.350	61.035	0.685
100	270	59.806	60.474	0.668
100	271	59.423	60.131	0.708
100	272	59.823	60.604	0.781
100	273	59.709	60.418	0.709
100	274	59.139	60.042	0.903
100	275	59.201	60.031	0.830
100	277	58.999	59.842	0.843
100	278	59.134	59.973	0.839
100	279	59.488	60.222	0.734
100	280	59.350	60.100	0.750
100	281	59.488	60.259	0.771
100	282	59.330	60.103	0.773
100	283	60.477	61.205	0.728
100	284	59.758	60.527	0.769
100	285	58.967	59.738	0.771
100	286	59.932	60.630	0.698
105	287	59.843	60.281	0.438
105	289	60.533	60.923	0.390
105	290	59.426	59.900	0.474
105	291	59.519	59.892	0.373
105	292	59.160	59.501	0.341
105	293	59.487	59.812	0.325
	Max	60.533	61.205	0.903
	Average	59.606	59.821	0.214
	Min	58.802	58.918	-0.492
	Std Dev	0.320	0.524	0.421



	8.1 __RdsOn_3p50A_4p5V	
Test Site		
Tester		
Test Number		
Max Limit	65	mohms
Min Limit		mohms

Krad(Si)	0	3	5	10	15	30	35	50	55	100	105
LL											
Min	59.184	59.035	59.334	59.046	59.326	58.918	59.030	59.793	59.505	59.571	59.501
Average	59.466	59.361	59.630	59.366	59.608	59.226	59.281	60.197	59.773	60.325	60.052
Max	59.747	59.713	59.959	59.655	59.878	59.499	59.539	60.422	60.355	61.205	60.923
UL	65.000	65.000	65.000	65.000	65.000	65.000	65.000	65.000	65.000	65.000	65.000



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